

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
Potentially confusable characters		
1I i00oB8	1I iO0oB8	1I iO0oB8
Coding meta characters		
<>'"^\$(){}[] ?+*/\,.	<>'"^\$(){}[] ?+*/\,.	<>'"^\$(){}[] ?+*/\,.
Allowable characters		
abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890 .+/*~<>@% &?	abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890 .+/*~<>@% &?	abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890 .+/*~<>@% &?
Transcript		
Transcript show: 'Hello World'. Transcript nextPutAll: 'Hello World'. Transcript nextPut: \$A. Transcript space. Transcript tab. Transcript cr. 'Hello' printOn: Transcript. Hello' storeOn: Transcript.	Transcript show: 'Hello World'. Transcript nextPutAll: 'Hello World'. Transcript nextPut: \$A. Transcript space. Transcript tab. Transcript cr. 'Hello' printOn: Transcript. 'Hello' storeOn: Transcript.	Transcript show: 'Hello World'. Transcript nextPutAll: 'Hello World'. Transcript nextPut: \$A. Transcript space. Transcript tab. Transcript cr. 'Hello' printOn: Transcript. 'Hello' storeOn: Transcript.
Assignment		
x y	x y	x y
x := 5.	x := 5.	x := 5.
x := y := z := 6.	x := y := z := 6.	x := y := z := 6.
x := (y := 6) + 1.	x := (y := 6) + 1.	x := (y := 6) + 1.
x := Object new.	x := Object new.	x := Object new.
x := 123 class.	x := 123 class.	x := 123 class.
x := 1.2 hash.	x := 1.2 hash.	x := 1.2 hash.
y := x copy.	y := x copy.	y := x copy.
y := x shallowCopy.	y := x shallowCopy.	y := x shallowCopy.
y := x deepCopy.	y := x deepCopy.	y := x deepCopy.
y := x veryDeepCopy.	y := x veryDeepCopy.	y := x veryDeepCopy.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
Constants		
b	b	b
b := true.	b := true.	b := true.
b := false.	b := false.	b := false.
x := nil.	x := nil.	x := nil.
x := 1.	x := 1.	x := 1.
x := 3.14.	x := 3.14.	x := 3.14.
x := 2e-2.	x := 2e-2.	x := 2e-2.
x := 16r0F.	x := 16r0F.	x := 16r0F.
x := -1.	x := -1.	x := -1.
x := 'Hello'.	x := 'Hello'.	x := 'Hello'.
x := 'I'm here'.	x := 'I'm here'.	x := 'I'm here'.
x := \$A.	x := \$A.	x := \$A.
x := \$.	x := \$.	x := \$.
x := #aSymbol.	x := #aSymbol.	x := #aSymbol.
x := #(3 2 1).	x := #(3 2 1).	x := #(3 2 1).
x := #('abc' 2 \$a).	x := #('abc' 2 \$a).	x := #('abc' 2 \$a).
Booleans		
b x y	b x y	b x y
x := 1. y := 2.	x := 1. y := 2.	x := 1. y := 2.
b := (x = y).	b := (x = y).	b := (x = y).
b := (x ~= y).	b := (x ~= y).	b := (x ~= y).
b := (x == y).	b := (x == y).	b := (x == y).
b := (x ~~ y).	b := (x ~~ y).	b := (x ~~ y).
b := (x > y).	b := (x > y).	b := (x > y).
b := (x < y).	b := (x < y).	b := (x < y).
b := (x >= y).	b := (x >= y).	b := (x >= y).
b := (x <= y).	b := (x <= y).	b := (x <= y).
b := b not.	b := b not.	b := b not.
b := (x < 5) & (y > 1).	b := (x < 5) & (y > 1).	b := (x < 5) & (y > 1).

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
b := (x < 5) (y > 1).	b := (x < 5) (y > 1).	b := (x < 5) (y > 1).
b := (x < 5) and: [y > 1].	b := (x < 5) and: [y > 1].	b := (x < 5) and: [y > 1].
b := (x < 5) or: [y > 1].	b := (x < 5) or: [y > 1].	b := (x < 5) or: [y > 1].
b := (x < 5) eqv: (y > 1).	b := (x < 5) eqv: (y > 1).	b := (x < 5) eqv: (y > 1).
b := (x < 5) xor: (y > 1).	b := (x < 5) xor: (y > 1).	b := (x < 5) xor: (y > 1).
b := 5 between: 3 and: 12.	b := 5 between: 3 and: 12.	b := 5 between: 3 and: 12.
b := 123 isKindOf: Number.	b := 123 isKindOf: Number.	b := 123 isKindOf: Number.
b := 123 isMemberOf: SmallInteger.	b := 123 isMemberOf: SmallInteger.	b := 123 isMemberOf: SmallInteger.
b := 123 respondsTo: sqrt.	b := 123 respondsTo: sqrt.	b := 123 respondsTo: sqrt.
b := x isNil.	b := x isNil.	b := x isNil.
b := x isZero.	b := x isZero.	b := x isZero.
b := x positive.	b := x positive.	b := x positive.
b := x strictlyPositive.	b := x strictlyPositive.	b := x strictlyPositive.
b := x negative.	b := x negative.	b := x negative.
b := x isLiteral.	b := x isLiteral.	b := x isLiteral.
b := x isInteger.	b := x isInteger.	b := x isInteger.
b := x isFloat.	b := x isFloat.	b := x isFloat.
b := x isNumber.	b := x isNumber.	b := x isNumber.
b := \$A isUppercase.	b := \$A isUppercase.	b := \$A isUppercase.
b := \$A isLowercase.	b := \$A isLowercase.	b := \$A isLowercase.
Arithmetic expressions		
x	x	x
x := 6 + 3.	x := 6 + 3.	x := 6 + 3.
x := 6 - 3.	x := 6 - 3.	x := 6 - 3.
x := 6 * 3.	x := 6 * 3.	x := 6 * 3.
x := 1 + 2 * 3.	x := 1 + 2 * 3.	x := 1 + 2 * 3.
x := 5 / 3.	x := 5 / 3.	x := 5 / 3.
x := 5.0 / 3.0.	x := 5.0 / 3.0.	x := 5.0 / 3.0.
x := 5.0 // 3.0.	x := 5.0 // 3.0.	x := 5.0 // 3.0.
x := 5.0 \\ 3.0.	x := 5.0 \\ 3.0.	x := 5.0 \\ 3.0.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
x := -5.	x := -5.	x := -5.
x := 5 sign.	x := 5 sign.	x := 5 sign.
x := 5 negated.	x := 5 negated.	x := 5 negated.
x := 1.2 integerPart.	x := 1.2 integerPart.	x := 1.2 integerPart.
x := 1.2 fractionPart.	x := 1.2 fractionPart.	x := 1.2 fractionPart.
x := 5 reciprocal.	x := 5 reciprocal.	x := 5 reciprocal.
x := 6 * 3.1.	x := 6 * 3.1.	x := 6 * 3.1.
x := 5 squared.	x := 5 squared.	x := 5 squared.
x := 25 sqrt.	x := 25 sqrt.	x := 25 sqrt.
x := 5 raisedTo: 2.	x := 5 raisedTo: 2.	x := 5 raisedTo: 2.
x := 5 raisedToInteger: 2.	x := 5 raisedToInteger: 2.	x := 5 raisedToInteger: 2.
x := 5 exp.	x := 5 exp.	x := 5 exp.
x := -5 abs.	x := -5 abs.	x := -5 abs.
x := 3.99 rounded.	x := 3.99 rounded.	x := 3.99 rounded.
x := 3.99 truncated.	x := 3.99 truncated.	x := 3.99 truncated.
x := 3.99 roundTo: 1.	x := 3.99 roundTo: 1.	x := 3.99 roundTo: 1.
x := 3.99 truncateTo: 1.	x := 3.99 truncateTo: 1.	x := 3.99 truncateTo: 1.
x := 3.99 floor.	x := 3.99 floor.	x := 3.99 floor.
x := 3.99 ceiling.	x := 3.99 ceiling.	x := 3.99 ceiling.
x := 5 factorial.	x := 5 factorial.	x := 5 factorial.
x := -5 quo: 3.	x := -5 quo: 3.	x := -5 quo: 3.
x := -5 rem: 3.	x := -5 rem: 3.	x := -5 rem: 3.
x := 28 gcd: 12.	x := 28 gcd: 12.	x := 28 gcd: 12.
x := 28 lcm: 12.	x := 28 lcm: 12.	x := 28 lcm: 12.
x := 100 ln.	x := 100 ln.	x := 100 ln.
x := 100 log.	x := 100 log.	x := 100 log.
x := 100 log: 10.	x := 100 log: 10.	x := 100 log: 10.
x := 100 floorLog: 10.	x := 100 floorLog: 10.	x := 100 floorLog: 10.
x := 180 degreesToRadians.	x := 180 degreesToRadians.	x := 180 degreesToRadians.
x := 3.14 radiansToDegrees.	x := 3.14 radiansToDegrees.	x := 3.14 radiansToDegrees.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
x := 0.7 sin.	x:=0.7 sin.	x := 0.7 sin.
x := 0.7 cos.	x:=0.7 cos.	x := 0.7 cos.
x := 0.7 tan.	x:=0.7 tan.	x := 0.7 tan.
x := 0.7 arcSin.	x:=0.7 arcSin.	x := 0.7 arcSin.
x := 0.7 arcCos.	x:=0.7 arcCos.	x := 0.7 arcCos.
x := 0.7 arcTan.	x:=0.7 arcTan.	x := 0.7 arcTan.
x := 10 max: 20.	x:= 10 max: 20.	x := 10 max: 20.
x := 10 min: 20.	x:= 10 min: 20.	x := 10 min: 20.
x := Float pi.	x:= Float pi.	x := Float pi.
x := Float e.	x:= Float e.	x := Float e.
x := Float infinity.	x:= Float infinity.	x := Float infinity.
x := Float nan.	x:= Float nan.	x := Float nan.
x := Random new next; yourself. x next.	x:= Random new next; yourself. x next.	x := Random new next; yourself. x next.
Bitwise Manipulation		
b x	b x	b x
x := 16rFF bitAnd: 16r0F.	x:= 16rFF bitAnd: 16r0F.	x := 16rFF bitAnd: 16r0F.
x := 16rF0 bitOr: 16r0F.	x:= 16rF0 bitOr: 16r0F.	x := 16rF0 bitOr: 16r0F.
x := 16rFF bitXor: 16r0F.	x:= 16rFF bitXor: 16r0F.	x := 16rFF bitXor: 16r0F.
x := 16rFF bitInvert.	x:= 16rFF bitInvert.	x := 16rFF bitInvert.
x := 16r0F bitShift: 4.	x:= 16r0F bitShift: 4.	x := 16r0F bitShift: 4.
x := 16rF0 bitShift: -4.	x:= 16rF0 bitShift: -4.	x := 16rF0 bitShift: -4.
x := 16r80 bitAt: 7.	x:= 16r80 bitAt: 7.	x := 16r80 bitAt: 7.
x := 16r80 highbit.	x:= 16r80 highbit.	x := 16r80 highbit.
b := 16rFF allMask: 16r0F.	b:= 16rFF allMask: 16r0F.	b := 16rFF allMask: 16r0F.
b := 16rFF anyMask: 16r0F.	b:= 16rFF anyMask: 16r0F.	b := 16rFF anyMask: 16r0F.
b := 16rFF noMask: 16r0F.	b:= 16rFF noMask: 16r0F.	b := 16rFF noMask: 16r0F.
Conversion		
x	x	x
x := 3.99 asInteger.	x:= 3.99 asInteger.	x := 3.99 asInteger.
x := 3.99 asFraction.	x:= 3.99 asFraction.	x := 3.99 asFraction.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> x := 3 asFloat. x := 65 asCharacter. x := \$A asciiValue. x := 3.99 printString. x := 3.99 storeString. x := 15 radix: 16. x := 15 printStringBase: 16. x := 15 storeStringBase: 16. </pre>	<pre> x:=3 asFloat. x:= 65 asCharacter. x:=\$A asciiValue. x:=3.99 printString. x:=3.99 storeString. x:=15 radix: 16. x:=15 printStringBase: 16. x:=15 storeStringBase: 16. </pre>	<pre> x := 3 asFloat. x := 65 asCharacter. x := \$A asciiValue. x := 3.99 printString. x := 3.99 storeString. x := 15 radix: 16. x := 15 printStringBase: 16. x := 15 storeStringBase: 16. </pre>
Blocks		
<pre> x y z x := [y := 1. z := 2.]. x value. x := [:argOne :argTwo argOne, ' and ' , argTwo.]. Transcript show: (x value: 'First' value: 'Second'); cr. x := [z z := 1.]. </pre>	<pre> xyz x:=[y:=1.z:=2.].x value. x:[:argOne :argTwo argOne,'and',argTwo.]. Transcript show: (x value: 'First' value: 'Second'); cr. x:=[z z:=1.]. </pre>	<pre> x y z x := [y := 1. z := 2.]. x value. x := [:argOne :argTwo argOne, ' and ' , argTwo.]. Transcript show: (x value: 'First' value: 'Second'); cr. x := [z z := 1.]. </pre>
Method calls		
<pre> x x := 2 sqrt. x := 2 raisedTo: 10. x := 194 * 9. Transcript show: (194 * 9) printString; cr. x := 2 perform: #sqrt. Transcript show: 'hello '; show: 'world'; cr. x := 3 + 2; * 100. </pre>	<pre> x x:=2 sqrt. x:=2 raisedTo: 10. x:=194 * 9. Transcript show: (194 * 9) printString; cr. x:=2 perform: #sqrt. Transcript show: 'hello '; show: 'world'; cr. x:=3+2;* 100. </pre>	<pre> x x := 2 sqrt. x := 2 raisedTo: 10. x := 194 * 9. Transcript show: (194 * 9) printString; cr. x := 2 perform: #sqrt. Transcript show: 'hello '; show: 'world'; cr. x := 3 + 2; * 100. </pre>
Conditional Statements		
<pre> x x > 10 ifTrue: [Transcript show: 'ifTrue'; cr]. </pre>	<pre> x x>10 ifTrue: [Transcript show: 'ifTrue'; cr]. </pre>	<pre> x x > 10 ifTrue: [Transcript show: 'ifTrue'; cr]. </pre>

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> x > 10 ifFalse: [Transcript show: 'ifFalse'; cr]. x > 10 ifTrue: [Transcript show: 'ifTrue'; cr] ifFalse: [Transcript show: 'ifFalse'; cr]. </pre>	<pre> x>10 ifFalse: [Transcript show: 'ifFalse'; cr]. x>10 ifTrue: [Transcript show: 'ifTrue'; cr] ifFalse: [Transcript show: 'ifFalse'; cr]. </pre>	<pre> x > 10 ifFalse: [Transcript show: 'ifFalse'; cr]. x > 10 ifTrue: [Transcript show: 'ifTrue'; cr] ifFalse: [Transcript show: 'ifFalse'; cr]. </pre>
<pre> x > 10 ifFalse: [Transcript show: 'ifFalse'; cr] ifTrue: [Transcript show: 'ifTrue'; cr]. Transcript show: (x > 10 ifTrue: ['ifTrue'] ifFalse: ['ifFalse'])); cr. Transcript show: (x > 10 ifTrue: [x > 5 ifTrue: ['A'] ifFalse: ['B']] ifFalse: ['C']); cr. </pre>	<pre> x>10 ifFalse: [Transcript show: 'ifFalse'; cr] ifTrue: [Transcript show: 'ifTrue'; cr]. Transcript show: (x>10 ifTrue: ['ifTrue'] ifFalse: ['ifFalse'])); cr. Transcript show: (x>10 ifTrue: [x>5 ifTrue: ['A'] ifFalse: ['B']] ifFalse: ['C']); cr. </pre>	<pre> x > 10 ifFalse: [Transcript show: 'ifFalse'; cr] ifTrue: [Transcript show: 'ifTrue'; cr]. Transcript show: (x > 10 ifTrue: ['ifTrue'] ifFalse: ['ifFalse'])); cr. Transcript show: (x > 10 ifTrue: [x > 5 ifTrue: ['A'] ifFalse: ['B']] ifFalse: ['C']); cr. </pre>
<pre> switch := Dictionary new. switch at: \$A put: [Transcript show: 'Case A'; cr]. switch at: \$B put: [Transcript show: 'Case B'; cr]. switch at: \$C put: [Transcript show: 'Case C'; cr]. result := (switch at: \$B) value. </pre>	<pre> switch := Dictionary new. switch at: \$A put: [Transcript show: 'Case A'; cr]. switch at: \$B put: [Transcript show: 'Case B'; cr]. switch at: \$C put: [Transcript show: 'Case C'; cr]. result := (switch at: \$B) value. </pre>	<pre> switch := Dictionary new. switch at: \$A put: [Transcript show: 'Case A'; cr]. switch at: \$B put: [Transcript show: 'Case B'; cr]. switch at: \$C put: [Transcript show: 'Case C'; cr]. result := (switch at: \$B) value. </pre>
Iteration statements		
<pre> x y x := 4. y := 1. [x > 0] whileTrue: [x := x - 1. y := y * 2]. </pre>	<pre> x y x:=4.y:=1. [x>0] whileTrue: [x:=x-1.y:=y*2]. </pre>	<pre> x y x := 4. y := 1. [x > 0] whileTrue: [x := x - 1. y := y * 2]. </pre>

Source Code Pro 9**Source Sans Pro 10 & 1 x space****Source Sans Pro 10 & 2 x space**

```
[x >= 4] whileFalse: [x := x + 1. y := y * 2]. [x>=4] whileFalse: [x:=x+1.y:=y*2].
```

```
x timesRepeat: [y := y * 2].
```

```
1 to: x do: [:a | y := y * 2].
```

```
1 to: x by: 2 do: [:a | y := y / 2].
```

```
 #(5 4 3) do: [:a | x := x + a].
```

```
x timesRepeat: [y := y * 2].
```

```
1 to:x do:[:a|y:=y*2].
```

```
1 to:x by:2 do:[:a|y:=y/2].
```

```
 #(5 4 3) do:[:a|x:=x+a].
```

```
[x >= 4] whileFalse: [x := x + 1. y := y * 2].
```

```
x timesRepeat: [y := y * 2].
```

```
1 to: x do: [:a | y := y * 2].
```

```
1 to: x by: 2 do: [:a | y := y / 2].
```

```
 #(5 4 3) do: [:a | x := x + a].
```

Character

```
| x y |
```

```
x := $A.
```

```
y := x isLowercase.
```

```
y := x isUppercase.
```

```
y := x isLetter.
```

```
y := x isDigit.
```

```
y := x isAlphaNumeric.
```

```
y := x isSeparator.
```

```
y := x isVowel.
```

```
y := x digitValue.
```

```
y := x asLowercase.
```

```
y := x asUppercase.
```

```
y := x asciiValue.
```

```
y := x asString.
```

```
b := $A <= $B.
```

```
y := $A max: $B.
```

```
|x y|
```

```
x := $A.
```

```
y := x isLowercase.
```

```
y := x isUppercase.
```

```
y := x isLetter.
```

```
y := x isDigit.
```

```
y := x isAlphaNumeric.
```

```
y := x isSeparator.
```

```
y := x isVowel.
```

```
y := x digitValue.
```

```
y := x asLowercase.
```

```
y := x asUppercase.
```

```
y := x asciiValue.
```

```
y := x asString.
```

```
b := $A <= $B.
```

```
y := $A max: $B.
```

```
| x y |
```

```
x := $A.
```

```
y := x isLowercase.
```

```
y := x isUppercase.
```

```
y := x isLetter.
```

```
y := x isDigit.
```

```
y := x isAlphaNumeric.
```

```
y := x isSeparator.
```

```
y := x isVowel.
```

```
y := x digitValue.
```

```
y := x asLowercase.
```

```
y := x asUppercase.
```

```
y := x asciiValue.
```

```
y := x asString.
```

```
b := $A <= $B.
```

```
y := $A max: $B.
```

Symbol

```
| b x y |
```

```
x := #Hello.
```

```
y := 'String', 'Concatenation'.
```

```
b := x isEmpty.
```

```
y := x size.
```

```
y := x at: 2.
```

```
y := x copyFrom: 2 to: 4.
```

```
|b x y|
```

```
x := #Hello.
```

```
y := 'String', 'Concatenation'.
```

```
b := x isEmpty.
```

```
y := x size.
```

```
y := x at: 2.
```

```
y := x copyFrom: 2 to: 4.
```

```
| b x y |
```

```
x := #Hello.
```

```
y := 'String', 'Concatenation'.
```

```
b := x isEmpty.
```

```
y := x size.
```

```
y := x at: 2.
```

```
y := x copyFrom: 2 to: 4.
```

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<pre> y := x indexOf: \$e ifAbsent: [0]. x do: [:a Transcript show: a printString; cr]. b := x conform: [:a (a >= \$a) & (a <= \$z)]. y := x select: [:a a > \$a]. y := x asString. y := x asText. y := x asArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. </pre>	<pre> y:=x indexOf: \$e ifAbsent: [0]. x do: [:a Transcript show: a printString; cr]. b:=x conform: [:a (a >= \$a) & (a <= \$z)]. y:=x select: [:a a > \$a]. y:=x asString. y:=x asText. y:=x asArray. y:=x asOrderedCollection. y:=x asSortedCollection. y:=x asBag. y:=x asSet. </pre>	<pre> y := x indexOf: \$e ifAbsent: [0]. x do: [:a Transcript show: a printString; cr]. b := x conform: [:a (a >= \$a) & (a <= \$z)]. y := x select: [:a a > \$a]. y := x asString. y := x asText. y := x asArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. </pre>
String		
<pre> b x y x := 'This is a string'. x := 'String', 'Concatenation'. b := x isEmpty. y := x size. y := x at: 2. y := x copyFrom: 2 to: 4. y := x indexOf: \$a ifAbsent: [0]. x := String new: 4. </pre>	<pre> b x y x:= 'This is a string'. x:= 'String', 'Concatenation'. b:=x isEmpty. y:=x size. y:=x at: 2. y:=x copyFrom: 2 to: 4. y:=x indexOf: \$a ifAbsent: [0]. x:= String new: 4. </pre>	<pre> b x y x := 'This is a string'. x := 'String', 'Concatenation'. b := x isEmpty. y := x size. y := x at: 2. y := x copyFrom: 2 to: 4. y := x indexOf: \$a ifAbsent: [0]. x := String new: 4. </pre>
<pre> x at: 1 put: \$a; at: 2 put: \$b; at: 3 put: \$c; at: 4 put: \$e. </pre>	<pre> x at: 1 put: \$a; at: 2 put: \$b; at: 3 put: \$c; at: 4 put: \$e. </pre>	<pre> x at: 1 put: \$a; at: 2 put: \$b; at: 3 put: \$c; at: 4 put: \$e. </pre>
<pre> x := String with: \$a with: \$b with: \$c with: \$d. x do: [:a Transcript show: a printString; cr]. </pre>	<pre> x:= String with: \$a with: \$b with: \$c with: \$d. x do: [:a Transcript show: a printString; cr]. </pre>	<pre> x := String with: \$a with: \$b with: \$c with: \$d. x do: [:a Transcript show: a printString; cr]. </pre>

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> b := x conform: [:a (a >= \$a) & (a <= \$z)]. y := x select: [:a a > \$a]. y := x asSymbol. y := x asArray. x := 'ABCD' asByteArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. y := x shuffled. </pre>	<pre> b:=x conform: [:a (a >= \$a) & (a <= \$z)]. y:=x select: [:a a > \$a]. y:=x asSymbol. y:=x asArray. x:='ABCD' asByteArray. y:=x asOrderedCollection. y:=x asSortedCollection. y:=x asBag. y:=x asSet. y:=x shuffled. </pre>	<pre> b := x conform: [:a (a >= \$a) & (a <= \$z)]. y := x select: [:a a > \$a]. y := x asSymbol. y := x asArray. x := 'ABCD' asByteArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. y := x shuffled. </pre>
OrderedCollection		
b x y sum max	b x y sum max	b x y sum max
x := OrderedCollection with: 4 with: 3 with: 2 with: 1.	x := OrderedCollection with: 4 with: 3 with: 2 with: 1.	x := OrderedCollection with: 4 with: 3 with: 2 with: 1.
x := OrderedCollection new.	x := OrderedCollection new.	x := OrderedCollection new.
x add: 3; add: 2; add: 1; add: 4; yourself.	x add: 3; add: 2; add: 1; add: 4; yourself.	x add: 3; add: 2; add: 1; add: 4; yourself.
y := x addFirst: 5.	y := x addFirst: 5.	y := x addFirst: 5.
y := x removeFirst.	y := x removeFirst.	y := x removeFirst.
y := x addLast: 6.	y := x addLast: 6.	y := x addLast: 6.
y := x removeLast.	y := x removeLast.	y := x removeLast.
y := x addAll: #(7 8 9).	y := x addAll: #(7 8 9).	y := x addAll: #(7 8 9).
y := x removeAll: #(7 8 9).	y := x removeAll: #(7 8 9).	y := x removeAll: #(7 8 9).
x at: 2 put: 3.	x at: 2 put: 3.	x at: 2 put: 3.
y := x remove: 5 ifAbsent: [].	y := x remove: 5 ifAbsent: [].	y := x remove: 5 ifAbsent: [].
b := x isEmpty.	b := x isEmpty.	b := x isEmpty.
y := x size.	y := x size.	y := x size.
y := x at: 2.	y := x at: 2.	y := x at: 2.
y := x first.	y := x first.	y := x first.
y := x last.	y := x last.	y := x last.
b := x includes: 5.	b := x includes: 5.	b := x includes: 5.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
y := x copyFrom: 2 to: 3.	y := x copyFrom: 2 to: 3.	y := x copyFrom: 2 to: 3.
y := x indexOf: 3 ifAbsent: [0].	y := x indexOf: 3 ifAbsent: [0].	y := x indexOf: 3 ifAbsent: [0].
y := x occurrencesOf: 3.	y := x occurrencesOf: 3.	y := x occurrencesOf: 3.
x do: [:a Transcript show: a printString; cr].	x do: [:a Transcript show: a printString; cr].	x do: [:a Transcript show: a printString; cr].
b := x conform: [:a (a >= 1) & (a <= 4)].	b := x conform: [:a (a >= 1) & (a <= 4)].	b := x conform: [:a (a >= 1) & (a <= 4)].
y := x select: [:a a > 2].	y := x select: [:a a > 2].	y := x select: [:a a > 2].
y := x reject: [:a a < 2].	y := x reject: [:a a < 2].	y := x reject: [:a a < 2].
y := x collect: [:a a + a].	y := x collect: [:a a + a].	y := x collect: [:a a + a].
y := x detect: [:a a > 3] ifNone: [].	y := x detect: [:a a > 3] ifNone: [].	y := x detect: [:a a > 3] ifNone: [].
sum := 0. x do: [:a sum := sum + a]. sum.	sum := 0. x do: [:a sum := sum + a]. sum.	sum := 0. x do: [:a sum := sum + a]. sum.
sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)].	sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)].	sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)].
sum := x inject: 0 into: [:a :c a + c].	sum := x inject: 0 into: [:a :c a + c].	sum := x inject: 0 into: [:a :c a + c].
max := x inject: 0 into: [:a :c (a > c) ifTrue: [a] ifFalse: [c]].	max := x inject: 0 into: [:a :c (a > c) ifTrue: [a] ifFalse: [c]].	max := x inject: 0 into: [:a :c (a > c) ifTrue: [a] ifFalse: [c]].
y := x shuffled.	y := x shuffled.	y := x shuffled.
y := x asArray.	y := x asArray.	y := x asArray.
y := x asOrderedCollection.	y := x asOrderedCollection.	y := x asOrderedCollection.
y := x asSortedCollection.	y := x asSortedCollection.	y := x asSortedCollection.
y := x asBag.	y := x asBag.	y := x asBag.
y := x asSet.	y := x asSet.	y := x asSet.
Interval		
b x y sum max	b x y sum max	b x y sum max
x := Interval from: 5 to: 10.	x := Interval from: 5 to: 10.	x := Interval from: 5 to: 10.
x := 5 to: 10.	x := 5 to: 10.	x := 5 to: 10.
x := Interval from: 5 to: 10 by: 2.	x := Interval from: 5 to: 10 by: 2.	x := Interval from: 5 to: 10 by: 2.
x := 5 to: 10 by: 2.	x := 5 to: 10 by: 2.	x := 5 to: 10 by: 2.
b := x isEmpty.	b := x isEmpty.	b := x isEmpty.
y := x size.	y := x size.	y := x size.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> x includes: 9. x do: [:k Transcript show: k printString; cr]. b := x conform: [:a (a >= 1) & (a <= 4)]. y := x select: [:a a > 7]. y := x reject: [:a a < 2]. y := x collect: [:a a + a]. y := x detect: [:a a > 3] ifNone: []. sum := 0. x do: [:a sum := sum + a]. sum. sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)]. sum := x inject: 0 into: [:a :c a + c]. y := x asArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. </pre>	<pre> x includes:9. x do: [:k Transcript show: k printString; cr]. b := x conform: [:a (a >= 1) & (a <= 4)]. y := x select: [:a a > 7]. y := x reject: [:a a < 2]. y := x collect: [:a a + a]. y := x detect: [:a a > 3] ifNone: []. sum := 0. x do: [:a sum := sum + a]. sum. sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)]. sum := x inject: 0 into: [:a :c a + c]. y := x asArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. </pre>	<pre> x includes: 9. x do: [:k Transcript show: k printString; cr]. b := x conform: [:a (a >= 1) & (a <= 4)]. y := x select: [:a a > 7]. y := x reject: [:a a < 2]. y := x collect: [:a a + a]. y := x detect: [:a a > 3] ifNone: []. sum := 0. x do: [:a sum := sum + a]. sum. sum := 0. 1 to: (x size) do: [:a sum := sum + (x at: a)]. sum := x inject: 0 into: [:a :c a + c]. y := x asArray. y := x asOrderedCollection. y := x asSortedCollection. y := x asBag. y := x asSet. </pre>
Associations		
<pre> x y x := #myVar->'hello'. y := x key. y := x value. </pre>	<pre> x y x := #myVar->'hello'. y := x key. y := x value. </pre>	<pre> x y x := #myVar->'hello'. y := x key. y := x value. </pre>
Dictionary		
<pre> b x y x := Dictionary new. x add: #a->4; add: #b->3; add: #c->1; add: #d->2; yourself. x at: #e put: 3. b := x isEmpty. y := x size. y := x at: #a ifAbsent: []. </pre>	<pre> b x y x := Dictionary new. x add: #a->4; add: #b->3; add: #c->1; add: #d->2; yourself. x at: #e put: 3. b := x isEmpty. y := x size. y := x at: #a ifAbsent: []. </pre>	<pre> b x y x := Dictionary new. x add: #a->4; add: #b->3; add: #c->1; add: #d->2; yourself. x at: #e put: 3. b := x isEmpty. y := x size. y := x at: #a ifAbsent: []. </pre>

Source Code Pro 9

```

y := x keyAtValue: 3 ifAbsent: [].
y := x removeKey: #e ifAbsent: [].
b := x includes: 3.
b := x includesKey: #a.
y := x occurrencesOf: 3.
y := x keys.
y := x values.
x do: [:a | Transcript show: a printString;
cr].
x keysDo: [:a | Transcript show: a
printString; cr].
x associationsDo: [:a | Transcript show: a
printString; cr].

x keysAndValuesDo: [:aKey :aValue | Transcript
show: aKey printString; space;
show: aValue printString; cr].

b := x conform: [:a | (a >= 1) & (a <= 4)].
y := x select: [:a | a > 2].
y := x reject: [:a | a < 2].
y := x collect: [:a | a + a].
y := x detect: [:a | a > 3] ifNone: [].
sum := 0. x do: [:a | sum := sum + a]. sum.
sum := x inject: 0 into: [:a :c | a + c].
y := x asArray.
y := x asOrderedCollection.
y := x asSortedCollection.
y := x asBag.
y := x asSet.
Smalltalk at: #CMRGlobal put: 'CMR entry'.
x := Smalltalk at: #CMRGlobal.
Transcript show: (CMRGlobal printString).

```

Source Sans Pro 10 & 1 x space

```

y := x keyAtValue: 3 ifAbsent: [].
y := x removeKey: #e ifAbsent: [].
b := x includes: 3.
b := x includesKey: #a.
y := x occurrencesOf: 3.
y := x keys.
y := x values.
x do: [:a | Transcript show: a printString; cr].
x keysDo: [:a | Transcript show: a printString; cr].
x associationsDo: [:a | Transcript show: a printString; cr].
x keysAndValuesDo: [:aKey :aValue | Transcript
show: aKey printString; space;
show: aValue printString; cr].

b := x conform: [:a | (a >= 1) & (a <= 4)].
y := x select: [:a | a > 2].
y := x reject: [:a | a < 2].
y := x collect: [:a | a + a].
y := x detect: [:a | a > 3] ifNone: [].
sum := 0. x do: [:a | sum := sum + a]. sum.
sum := x inject: 0 into: [:a :c | a + c].
y := x asArray.
y := x asOrderedCollection.
y := x asSortedCollection.
y := x asBag.
y := x asSet.
Smalltalk at: #CMRGlobal put: 'CMR entry'.
x := Smalltalk at: #CMRGlobal.
Transcript show: (CMRGlobal printString).

```

Source Sans Pro 10 & 2 x space

```

y := x keyAtValue: 3 ifAbsent: [].
y := x removeKey: #e ifAbsent: [].
b := x includes: 3.
b := x includesKey: #a.
y := x occurrencesOf: 3.
y := x keys.
y := x values.
x do: [:a | Transcript show: a printString; cr].
x keysDo: [:a | Transcript show: a printString; cr].
x associationsDo: [:a | Transcript show: a printString; cr].
x keysAndValuesDo: [:aKey :aValue | Transcript
show: aKey printString; space;
show: aValue printString; cr].

b := x conform: [:a | (a >= 1) & (a <= 4)].
y := x select: [:a | a > 2].
y := x reject: [:a | a < 2].
y := x collect: [:a | a + a].
y := x detect: [:a | a > 3] ifNone: [].
sum := 0. x do: [:a | sum := sum + a]. sum.
sum := x inject: 0 into: [:a :c | a + c].
y := x asArray.
y := x asOrderedCollection.
y := x asSortedCollection.
y := x asBag.
y := x asSet.
Smalltalk at: #CMRGlobal put: 'CMR entry'.
x := Smalltalk at: #CMRGlobal.
Transcript show: (CMRGlobal printString).

```

Source Code Pro 9

```
Smalltalk keys do: [:k |
  ((Smalltalk at: k) isKindOf: Class)
  ifFalse: [Transcript show: k
    printString; cr]].
Smalltalk at: #CMRDictionary put: (Dictionary
new).
CMRDictionary at: #MyVar1 put: 'hello1'.
CMRDictionary add: #MyVar2->'hello2'.
CMRDictionary size.
CMRDictionary keys do: [:k |
  Transcript show: k printString; cr].
CMRDictionary values do: [:k |
  Transcript show: k printString; cr].
CMRDictionary keysAndValuesDo: [:aKey :aValue
|
  Transcript
    show: aKey printString;
    space;
    show: aValue printString;
    cr].
CMRDictionary associationsDo: [:aKeyValue |
  Transcript show: aKeyValue printString;
  cr].
Smalltalk removeKey: #CMRGlobal ifAbsent: [].
Smalltalk removeKey: #CMRDictionary ifAbsent:
[].
```

Source Sans Pro 10 & 1 x space

```
Smalltalk keys do: [:k |
  ((Smalltalk at: k) isKindOf: Class)
  ifFalse: [Transcript show: k printString; cr]].
Smalltalk at: #CMRDictionary put: (Dictionary new).
CMRDictionary at: #MyVar1 put: 'hello1'.
CMRDictionary add: #MyVar2->'hello2'.
CMRDictionary size.
CMRDictionary keys do: [:k |
  Transcript show: k printString; cr].
CMRDictionary values do: [:k |
  Transcript show: k printString; cr].
CMRDictionary keysAndValuesDo: [:aKey :aValue |
  Transcript
    show: aKey printString;
    space;
    show: aValue printString;
    cr].
CMRDictionary associationsDo: [:aKeyValue |
  Transcript show: aKeyValue printString; cr].
Smalltalk removeKey: #CMRGlobal ifAbsent: [].
Smalltalk removeKey: #CMRDictionary ifAbsent: [].
```

Source Sans Pro 10 & 2 x space

```
Smalltalk keys do: [:k |
  ((Smalltalk at: k) isKindOf: Class)
  ifFalse: [Transcript show: k printString; cr]].
Smalltalk at: #CMRDictionary put: (Dictionary new).
CMRDictionary at: #MyVar1 put: 'hello1'.
CMRDictionary add: #MyVar2->'hello2'.
CMRDictionary size.
CMRDictionary keys do: [:k |
  Transcript show: k printString; cr].
CMRDictionary values do: [:k |
  Transcript show: k printString; cr].
CMRDictionary keysAndValuesDo: [:aKey :aValue |
  Transcript
    show: aKey printString;
    space;
    show: aValue printString;
    cr].
CMRDictionary associationsDo: [:aKeyValue |
  Transcript show: aKeyValue printString; cr].
Smalltalk removeKey: #CMRGlobal ifAbsent: [].
Smalltalk removeKey: #CMRDictionary ifAbsent: [].
```

Internal Stream

```
| b x ios |
ios := ReadStream on: 'Hello read stream'.
ios := ReadStream on: 'Hello read stream'
from: 1 to: 5.
[(x := ios nextLine) notNil]
```

```
| b x ios |
ios := ReadStream on: 'Hello read stream'.
ios := ReadStream on: 'Hello read stream' from: 1 to: 5.
[(x := ios nextLine) notNil]
```

```
| b x ios |
ios := ReadStream on: 'Hello read stream'.
ios := ReadStream on: 'Hello read stream' from: 1 to: 5.
[(x := ios nextLine) notNil]
```

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> whileTrue: [Transcript show: x; cr]. ios position: 3. ios position. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. ios := ReadWriteStream on: 'Hello read stream'. ios := ReadWriteStream on: 'Hello read stream' from: 1 to: 5. ios := ReadWriteStream with: 'Hello read stream'. ios := ReadWriteStream with: 'Hello read stream' from: 1 to: 10. ios position: 0. [(x := ios nextLine) notNil] whileTrue: [Transcript show: x; cr]. ios position: 6. ios position. ios nextPutAll: 'Chris'. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. </pre>	<pre> whileTrue: [Transcript show: x; cr]. ios position: 3. ios position. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. ios := ReadWriteStream on: 'Hello read stream'. ios := ReadWriteStream on: 'Hello read stream' from: 1 to: 5. ios := ReadWriteStream with: 'Hello read stream'. ios := ReadWriteStream with: 'Hello read stream' from: 1 to: 10. ios position: 0. [(x := ios nextLine) notNil] whileTrue: [Transcript show: x; cr]. ios position: 6. ios position. ios nextPutAll: 'Chris'. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. </pre>	<pre> whileTrue: [Transcript show: x; cr]. ios position: 3. ios position. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. ios := ReadWriteStream on: 'Hello read stream'. ios := ReadWriteStream on: 'Hello read stream' from: 1 to: 5. ios := ReadWriteStream with: 'Hello read stream'. ios := ReadWriteStream with: 'Hello read stream' from: 1 to: 10. ios position: 0. [(x := ios nextLine) notNil] whileTrue: [Transcript show: x; cr]. ios position: 6. ios position. ios nextPutAll: 'Chris'. x := ios next. x := ios peek. x := ios contents. b := ios atEnd. </pre>
FileStream		
<pre> b x ios ios := FileStream newFileNamed: 'ios.txt'. ios nextPut: \$H; cr. ios nextPutAll: 'Hello File'; cr. 'Hello File' printOn: ios. 'Hello File' storeOn: ios. </pre>	<pre> b x ios ios := FileStream newFileNamed: 'ios.txt'. ios nextPut: \$H; cr. ios nextPutAll: 'Hello File'; cr. Hello File' printOn: ios. Hello File' storeOn: ios. </pre>	<pre> b x ios ios := FileStream newFileNamed: 'ios.txt'. ios nextPut: \$H; cr. ios nextPutAll: 'Hello File'; cr. Hello File' printOn: ios. Hello File' storeOn: ios. </pre>

Source Code Pro 9

```
ios close.
ios := FileStream oldFileNamed: 'ios.txt'.
[(x := ios nextLine) notNil]
    whileTrue: [Transcript show: x; cr].
ios position: 3.
x := ios position.
x := ios next.
x := ios peek.
b := ios atEnd.
ios close.
```

Source Sans Pro 10 & 1 x space

```
ios close.
ios := FileStream oldFileNamed: 'ios.txt'.
[(x := ios nextLine) notNil]
    whileTrue: [Transcript show: x; cr].
ios position: 3.
x := ios position.
x := ios next.
x := ios peek.
b := ios atEnd.
ios close.
```

Source Sans Pro 10 & 2 x space

```
ios close.
ios := FileStream oldFileNamed: 'ios.txt'.
[(x := ios nextLine) notNil]
    whileTrue: [Transcript show: x; cr].
ios position: 3.
x := ios position.
x := ios next.
x := ios peek.
b := ios atEnd.
ios close.
```

Date

```
| x y |
x := Date today.
x := Date dateAndTimeNow.
x := Date readFromString: '01/02/1999'.
x := Date newDay: 12 month: #July year: 1999
x := Date fromDays: 36000.
y := Date dayOfWeek: #Monday.
y := Date indexOfMonth: #January.
y := Date daysInMonth: 2 forYear: 1996.
y := Date daysInYear: 1996.
y := Date nameOfDay: 1
y := Date nameOfMonth: 1.
y := Date leapYear: 1996.
y := x weekday.
y := x previous: #Monday.
y := x dayOfMonth.
y := x day.
y := x firstDayOfMonth.
y := x monthName.
```

```
| x y |
x := Date today.
x := Date dateAndTimeNow.
x := Date readFromString: '01/02/1999'.
x := Date newDay: 12 month: #July year: 1999
x := Date fromDays: 36000.
y := Date dayOfWeek: #Monday.
y := Date indexOfMonth: #January.
y := Date daysInMonth: 2 forYear: 1996.
y := Date daysInYear: 1996.
y := Date nameOfDay: 1
y := Date nameOfMonth: 1.
y := Date leapYear: 1996.
y := x weekday.
y := x previous: #Monday.
y := x dayOfMonth.
y := x day.
y := x firstDayOfMonth.
y := x monthName.
```

```
| x y |
x := Date today.
x := Date dateAndTimeNow.
x := Date readFromString: '01/02/1999'.
x := Date newDay: 12 month: #July year: 1999
x := Date fromDays: 36000.
y := Date dayOfWeek: #Monday.
y := Date indexOfMonth: #January.
y := Date daysInMonth: 2 forYear: 1996.
y := Date daysInYear: 1996.
y := Date nameOfDay: 1
y := Date nameOfMonth: 1.
y := Date leapYear: 1996.
y := x weekday.
y := x previous: #Monday.
y := x dayOfMonth.
y := x day.
y := x firstDayOfMonth.
y := x monthName.
```

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
<pre> y := x monthIndex. y := x daysInMonth. y := x year. y := x daysInYear. y := x daysLeftInYear. y := x asSeconds. y := x addDays: 10. y := x subtractDays: 10. y := x subtractDate: (Date today). y := x printFormat: #(2 1 3 \$/ 1 1). b := (x <= Date today).</pre>	<pre> y:=x monthIndex. y:=x daysInMonth. y:=x year. y:=x daysInYear. y:=x daysLeftInYear. y:=x asSeconds. y:=x addDays: 10. y:=x subtractDays: 10. y:=x subtractDate: (Date today). y:=x printFormat: #(2 1 3 \$/ 1 1). b:=(x <= Date today).</pre>	<pre> y := x monthIndex. y := x daysInMonth. y := x year. y := x daysInYear. y := x daysLeftInYear. y := x asSeconds. y := x addDays: 10. y := x subtractDays: 10. y := x subtractDate: (Date today). y := x printFormat: #(2 1 3 \$/ 1 1). b := (x <= Date today).</pre>
Time		
<pre> x y x := Time now. x := Time dateAndTimeNow. x := Time readFromString: '3:47:26 pm'. x := Time fromSeconds: (60 * 60 * 4). y := Time millisecondClockValue. y := Time totalSeconds. y := x seconds. y := x minutes. y := x hours. y := x addTime: (Time now). y := x subtractTime: (Time now). y := x asSeconds. x := Time millisecondsToRun: [1 to: 1000 do: [:index y := 3.14 * index]]. b := (x <= Time now).</pre>	<pre> xy x:=Time now. x:=Time dateAndTimeNow. x:=Time readFromString: '3:47:26 pm'. x:=Time fromSeconds: (60 * 60 * 4). y:=Time millisecondClockValue. y:=Time totalSeconds. y:=x seconds. y:=x minutes. y:=x hours. y:=x addTime: (Time now). y:=x subtractTime: (Time now). y:=x asSeconds. x:=Time millisecondsToRun: [1 to: 1000 do: [:index y:=3.14 * index]]. b:=(x <= Time now).</pre>	<pre> x y x := Time now. x := Time dateAndTimeNow. x := Time readFromString: '3:47:26 pm'. x := Time fromSeconds: (60 * 60 * 4). y := Time millisecondClockValue. y := Time totalSeconds. y := x seconds. y := x minutes. y := x hours. y := x addTime: (Time now). y := x subtractTime: (Time now). y := x asSeconds. x := Time millisecondsToRun: [1 to: 1000 do: [:index y := 3.14 * index]]. b := (x <= Time now).</pre>
Point		
<pre> x y </pre>	<pre> xy </pre>	<pre> x y </pre>

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
x := 200@100.	x := 200@100.	x := 200@100.
y := x x.	y := x x.	y := x x.
y := x y.	y := x y.	y := x y.
x := 200@100 negated.	x := 200@100 negated.	x := 200@100 negated.
x := (-200@-100) abs.	x := (-200@-100) abs.	x := (-200@-100) abs.
x := (200.5@100.5) rounded.	x := (200.5@100.5) rounded.	x := (200.5@100.5) rounded.
x := (200.5@100.5) truncated.	x := (200.5@100.5) truncated.	x := (200.5@100.5) truncated.
x := 200@100 + 100.	x := 200@100 + 100.	x := 200@100 + 100.
x := 200@100 - 100.	x := 200@100 - 100.	x := 200@100 - 100.
x := 200@100 * 2.	x := 200@100 * 2.	x := 200@100 * 2.
x := 200@100 / 2.	x := 200@100 / 2.	x := 200@100 / 2.
x := 200@100 // 2.	x := 200@100 // 2.	x := 200@100 // 2.
x := 200@100 \\ 3.	x := 200@100 \\ 3.	x := 200@100 \\ 3.
x := 200@100 + 50@25.	x := 200@100 + 50@25.	x := 200@100 + 50@25.
x := 200@100 - 50@25.	x := 200@100 - 50@25.	x := 200@100 - 50@25.
x := 200@100 * 3@4.	x := 200@100 * 3@4.	x := 200@100 * 3@4.
x := 200@100 // 3@4.	x := 200@100 // 3@4.	x := 200@100 // 3@4.
x := 200@100 max: 50@200.	x := 200@100 max: 50@200.	x := 200@100 max: 50@200.
x := 200@100 min: 50@200.	x := 200@100 min: 50@200.	x := 200@100 min: 50@200.
x := 20@5 dotProduct: 10@2.	x := 20@5 dotProduct: 10@2.	x := 20@5 dotProduct: 10@2.
Dynamic message calling/compiling		
receiver message result argument keyword1 keyword2 argument1 argument2	receiver message result argument keyword1 keyword2 argument1 argument2	receiver message result argument keyword1 keyword2 argument1 argument2
unary message		
receiver := 5.	receiver := 5.	receiver := 5.
message := 'factorial' asSymbol.	message := 'factorial' asSymbol.	message := 'factorial' asSymbol.
result := receiver perform: message.	result := receiver perform: message.	result := receiver perform: message.
result := Compiler evaluate: ((receiver storeString), ' ', message).	result := Compiler evaluate: ((receiver storeString), ' message).	result := Compiler evaluate: ((receiver storeString), ' ', message).
result := (Message new setSelector: message arguments: #()) sentTo: receiver.	result := (Message new setSelector: message arguments: #() sentTo: receiver.	result := (Message new setSelector: message arguments: #()) sentTo: receiver.

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
binary message		
<pre> receiver := 1. message := '+' asSymbol. argument := 2. result := receiver perform: message withArguments: (Array with: argument). result := Compiler evaluate: ((receiver storeString), ' ', message, ' ', (argument storeString)). result := (Message new setSelector: message arguments: (Array with: argument)) sentTo: receiver.</pre>	<pre> receiver := 1. message := '+' asSymbol. argument := 2. result := receiver perform: message withArguments: (Array with: argument). result := Compiler evaluate: ((receiver storeString), ' ', message, ' ', (argument storeString)). result := (Message new setSelector: message arguments: (Array with: argument)) sentTo: receiver.</pre>	<pre> receiver := 1. message := '+' asSymbol. argument := 2. result := receiver perform: message withArguments: (Array with: argument). result := Compiler evaluate: ((receiver storeString), ' ', message, ' ', (argument storeString)). result := (Message new setSelector: message arguments: (Array with: argument)) sentTo: receiver.</pre>
keyword messages		
<pre> receiver := 12. keyword1 := 'between:' asSymbol. keyword2 := 'and:' asSymbol. argument1 := 10. argument2 := 20. result := receiver perform: (keyword1, keyword2) asSymbol withArguments: (Array with: argument1 with: argument2). result := Compiler evaluate: ((receiver storeString), ' ', keyword1, (argument1 storeString), ' ', keyword2, (argument2 storeString)). result := (Message new setSelector: (keyword1, keyword2) asSymbol arguments: (Array with: argument1 with: argument2)) sentTo: receiver.</pre>	<pre> receiver := 12. keyword1 := 'between:' asSymbol. keyword2 := 'and:' asSymbol. argument1 := 10. argument2 := 20. result := receiver perform: (keyword1, keyword2) asSymbol withArguments: (Array with: argument1 with: argument2). result := Compiler evaluate: ((receiver storeString), ' ', keyword1, (argument1 storeString), ' ', keyword2, (argument2 storeString)). result := (Message new setSelector: (keyword1, keyword2) asSymbol arguments: (Array with: argument1 with: argument2)) sentTo: receiver.</pre>	<pre> receiver := 12. keyword1 := 'between:' asSymbol. keyword2 := 'and:' asSymbol. argument1 := 10. argument2 := 20. result := receiver perform: (keyword1, keyword2) asSymbol withArguments: (Array with: argument1 with: argument2). result := Compiler evaluate: ((receiver storeString), ' ', keyword1, (argument1 storeString), ' ', keyword2, (argument2 storeString)). result := (Message new setSelector: (keyword1, keyword2) asSymbol arguments: (Array with: argument1 with: argument2)) sentTo: receiver.</pre>
Class/meta-class		
b x	b x	b x

Source Code Pro 9	Source Sans Pro 10 & 1 x space	Source Sans Pro 10 & 2 x space
x := String name.	x := String name.	x := String name.
x := String category.	x := String category.	x := String category.
x := String comment.	x := String comment.	x := String comment.
x := String kindOfSubclass.	x := String kindOfSubclass.	x := String kindOfSubclass.
x := String definition.	x := String definition.	x := String definition.
x := String instVarNames.	x := String instVarNames.	x := String instVarNames.
x := String allInstVarNames.	x := String allInstVarNames.	x := String allInstVarNames.
x := String classVarNames.	x := String classVarNames.	x := String classVarNames.
x := String allClassVarNames.	x := String allClassVarNames.	x := String allClassVarNames.
x := String sharedPools.	x := String sharedPools.	x := String sharedPools.
x := String allSharedPools.	x := String allSharedPools.	x := String allSharedPools.
x := String selectors.	x := String selectors.	x := String selectors.
x := String sourceCodeAt: #size.	x := String sourceCodeAt: #size.	x := String sourceCodeAt: #size.
x := String allInstances.	x := String allInstances.	x := String allInstances.
x := String superclass.	x := String superclass.	x := String superclass.
x := String allSuperclasses.	x := String allSuperclasses.	x := String allSuperclasses.
x := String withAllSuperclasses.	x := String withAllSuperclasses.	x := String withAllSuperclasses.
x := String subclasses.	x := String subclasses.	x := String subclasses.
x := String allSubclasses.	x := String allSubclasses.	x := String allSubclasses.
x := String withAllSubclasses.	x := String withAllSubclasses.	x := String withAllSubclasses.
b := String instSize.	b := String instSize.	b := String instSize.
b := String isPointers.	b := String isPointers.	b := String isPointers.
b := String isBits.	b := String isBits.	b := String isBits.
b := String isBytes.	b := String isBytes.	b := String isBytes.
b := String isWords.	b := String isWords.	b := String isWords.
Object withAllSubclasses size.	Object withAllSubclasses size.	Object withAllSubclasses size.
Debugging		
a b x	a b x	a b x
x yourself.	x yourself.	x yourself.
String browse.	String browse.	String browse.

Source Code Pro 9

```
x inspect.  
x confirm: 'Is this correct?'.  
x halt.  
x halt: 'Halt message'.  
x notify: 'Notify text'.  
x error: 'Error string'.  
x doesNotUnderstand: #cmrMessage.  
x shouldNotImplement.  
x subclassResponsibility.  
x errorImproperStore.  
x errorNonIntegerIndex.  
x errorSubscriptBounds.  
x primitiveFailed.
```

Source Sans Pro 10 & 1 x space

```
x inspect.  
x confirm: 'Is this correct?'.  
x halt.  
x halt: 'Halt message'.  
x notify: 'Notify text'.  
x error: 'Error string'.  
x doesNotUnderstand: #cmrMessage.  
x shouldNotImplement.  
x subclassResponsibility.  
x errorImproperStore.  
x errorNonIntegerIndex.  
x errorSubscriptBounds.  
x primitiveFailed.
```

Source Sans Pro 10 & 2 x space

```
x inspect.  
x confirm: 'Is this correct?'.  
x halt.  
x halt: 'Halt message'.  
x notify: 'Notify text'.  
x error: 'Error string'.  
x doesNotUnderstand: #cmrMessage.  
x shouldNotImplement.  
x subclassResponsibility.  
x errorImproperStore.  
x errorNonIntegerIndex.  
x errorSubscriptBounds.  
x primitiveFailed.
```