# Standalone functions

## Processing strings

Unicode

## Processing numbers

mod

div

floor

round

toPrecision ?? maybe get rid of this now we have round

ceiling

parseAsFloat

parseAsInt

range

## Maths functions

pi

sin

cos

sqrt

TODO – more

## Higher order functions

filter

map

reduce

max

maxBy

min

minBy

any

contains

size

initialise2DArrayList

## See also

initialisedCharMap

# Standalone procedures

Pause

clearKeyBuffer

print

printTab

clearConsole

# System functions

## Input

## Timing

clock

## Reading keystrokes

getKeystroke

getKeystrokeWithModifier

see also clearKeyBuffer

## Random numbers

random

randomInt

# Dot methods

## On String

substring

trim

indexOf

isBefore

isAfter

isBeforeOrSameAs

isAfterOrSameAs

## On ArrayList

add

insert

remove

removeFirst

removeAll

asImmutableList

## On ImmutableList

get

getRange

with

withInsert

withRemove

withRemoveFirst

withRemoveAll

asArrayList

## On Dictionary

removeKey

keys

values

## On ImmutableDictionary

getKey

hasKey

withKey

withRemoveKey

## On Iterable methods

Count TODO difference between length and count ?

length

head

## On Tuple

first

second

## On instance of a class

typeAndProperties

## On lots of things

asString

asIter

# Reading & writing data files

Not yet implemented

# Console

## See

print

printTab

clearConsole

## Input

# Graphics

About CharMap

initialisedCharMap

clearGraphics

See also pause

## Dot methods on CharMap

drawAsGraphics (procedure)

putAt

getAt

putChar

putText

getChar

putForeground

getForeground

putBackground

getBackground