

Word Problem: red-shape

Directions: Write a function called red-shape, which takes in the name of a shape and draws that shape (solid and red). Add an else clause that produces a sensible output.

Contract and Purpose Statement

Every contract has three parts...

1

function name

:

arguments

→

output

2

what does the function do?

Examples

Write some examples, then circle and label what changes...

(EXAMPLE (red-shape "circle") (circle 50 "solid" "red"))

function nameargumentsoutputwhat the function produces

(EXAMPLE ())

function nameargumentsoutputwhat the function produces

(EXAMPLE ())

function nameargumentsoutputwhat the function produces

(EXAMPLE ())

function nameargumentsoutputwhat the function produces

Definition

Write the definition, given variable names to all your signal values...

(define (function-name variables)

cond

{ (circle 50 "solid" "red") }

}

}

}

}

)