Directions: You are putting together a list of flowers in your garden based on their color. You have red roses, purple tulips, and yellow daisies. Write a function that takes in the color of a flower and returns the name of the flower.

Contract and Purpose Statement

Every contract has three parts ...

; flower-name : string → string

; Takes the name of the flower and returns its color

Examples

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

(EXAMPLE( flower-name "red" ) "rose"

function name input(s) what the function produces

(EXAMPLE( flower-name "tulip" ) "purple"

function name input(s) what the function produces

(EXAMPLE( flower-name "yellow" ) "daisy"

function name input(s) what the function produces

Definition

Write the definition, giving variable names to all your input values ...

(define( flower-name color )

function name variables

(cond

[(string=? color "red") "rose"

][(string=? color "purple") "tulip"

][(string=? color "yellow") "daisy"

][else "That flower isn’t in the garden!"

]))