

Check for Mistakes in this Word Problem: flower-name

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

flower-name

flower

color

;

Takes the name of the flower and returns its color

Examples

Write some examples, don't write and don't let it change...

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

flower-name

input

what the function produces

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

flower-name

input

what the function produces

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

flower-name

input

what the function produces

Definition

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

(define( flower-name color )

flower-name

variable

(cond

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

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

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

[else

"That flower isn't in the garden!"

]])