

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

→

string

;

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

→

string

what the function produces

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

flower-name

→

string

what the function produces

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

flower-name

→

string

what the function produces

Definition

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

(define(flower-name color)

flower-name

→

string

(cond

{(string=? color "red")

"rose"

}

{(string=? color "purple")

"tulip"

}

{(string=? color "yellow")

"daisy"

}

(else

"That flower isn't in the garden!"

)

))