

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

function name

domain

range

;

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"

)

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, given 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!"

]])