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, 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!"
    ]))