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

                      what does the function do?

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, 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!"   ]))