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...

; <u>flower-name</u> : <u>string</u> → <u>string</u>
   function name   *domain*   *range*

; <u>Takes the name of the flower and returns its color</u>
                what does the function do?

Examples
Write some examples, then circle and label what changes...

(EXAMPLE(<u>flower-name</u>   <u>"red"</u>   ) <u>"rose"</u>   )
       function name   *input(s)*   *what the function produces*

(EXAMPLE(<u>flower-name</u>   <u>"tulip"</u>   ) <u>"purple"</u>   )
       function name   *input(s)*   *what the function produces*

(EXAMPLE(<u>flower-name</u>   <u>"yellow"</u>   ) <u>"daisy"</u>   )
       function name   *input(s)*   *what the function produces*

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

(define(<u>flower-name</u>   <u>color</u>   )
      function name   *variables*

    (cond <u>   </u>

       [(string=? color "red")   <u>"rose"</u>   ]

       [(string=? color "purple")   <u>"tulip"</u>   ]

       [(string=? color "yellow")   <u>"daisy"</u>   ]

       [else <u>   </u>

          <u>"That flower isn't in the garden!"</u>   ]))