

Word Problem: sunny?

Directions : Use the Design Recipe to write a function `sunny?` , which takes in a forecast and determines if it is sunny

Contract and Purpose Statement

Every contract has three parts...

`; sunny?` : `String` -> `Boolean`
function name *domain* *range*

`; Consumes a forecast and returns true if it is sunny`
what does the function do?

Examples

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

(EXAMPLE (`sunny?` `"sunny"`) (`string=? "sunny" "sunny"`))
function name *input(s)* *what the function produces*

(EXAMPLE (`sunny?` `"rainy"`) (`string=? "rainy" "sunny"`))
function name *input(s)* *what the function produces*

Definition

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

(define (`sunny?` `forecast`)
function name *variable(s)*
`(string=? forecast "sunny")`)
what the function does with those variable(s)