

# Word Problem: is-hot

**Directions :** Use the Design Recipe to write a function `is-hot` , which takes in a temperature in Fahrenheit and determines if it is above 80 degrees

## Contract and Purpose Statement

Every contract has three parts...

# is-hot:: Number -> Boolean  
*function name* *domain* *range*

# Consumes a temperature and returns true if it is more than 80

*what does the function do?*

## Examples

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

**examples:**

is-hot ( 50 ) is 50 > 80  
*function name* *input(s)* *what the function produces*

is-hot ( 96 ) is 96 > 80  
*function name* *input(s)* *what the function produces*

**end**

## Definition

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

**fun** is-hot( temp ):  
*function name* *variable(s)*

temp > 80  
*what the function does with those variable(s)*

**end**