

### Word Problem: is-beach-day

**Directions:** Use the Design Recipe to write a function `is-beach-day`, which takes in a temperature in Fahrenheit and a forecast and determines if it is beach weather: hot and sunny

## Contract and Purpose Statement

Every contract has three parts...

| #                    | :             | ->           |
|----------------------|---------------|--------------|
| <i>function name</i> | <i>domain</i> | <i>range</i> |

# \_\_\_\_\_  
what does the function do?

## Examples

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

examples:

|                      |                     |           |                                   |
|----------------------|---------------------|-----------|-----------------------------------|
| <u>function name</u> | ( <u>input(s)</u> ) | <b>is</b> | <u>what the function produces</u> |
| <u>function name</u> | ( <u>input(s)</u> ) | <b>is</b> | <u>what the function produces</u> |
| <u>function name</u> | ( <u>input(s)</u> ) | <b>is</b> | <u>what the function produces</u> |

```
end
```

## Definition

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

**fun**                      (                      ) :

*function name*                      *variable(s)*

**end** *what the function does with those variable(s)*