

## Word Problem: red-shape

**Directions:** Write a function called "red-shape", which takes in the name of a shape and draws that shape (solid and red). Add an otherwise clause that produces a sensible output.

### Contract and Purpose Statement

Every contract has three parts...

\_\_\_\_\_ : : \_\_\_\_\_ -> \_\_\_\_\_  
functionname domain range

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

### Examples

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

examples:

\_\_\_\_\_ ( \_\_\_\_\_ ) is \_\_\_\_\_  
functionname input (s) what the function produces

\_\_\_\_\_ ( \_\_\_\_\_ ) is \_\_\_\_\_  
functionname input (s) what the function produces

\_\_\_\_\_ ( \_\_\_\_\_ ) is \_\_\_\_\_  
functionname input (s) what the function produces

\_\_\_\_\_ ( \_\_\_\_\_ ) is \_\_\_\_\_  
functionname input (s) what the function produces

\_\_\_\_\_ ( \_\_\_\_\_ ) is \_\_\_\_\_  
functionname input (s) what the function produces

end

### Definition

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

fun \_\_\_\_\_ ( \_\_\_\_\_ ) :  
functionname variables

ask:

| \_\_\_\_\_ then: \_\_\_\_\_

| \_\_\_\_\_ then: \_\_\_\_\_

| \_\_\_\_\_ then: \_\_\_\_\_

| \_\_\_\_\_ then: \_\_\_\_\_

| otherwise: \_\_\_\_\_

end

end