The Design Recipe

Directions: Define a function called `gt`, which makes solid green triangles of whatever size we want.

Contract and Purpose Statement

Every contract has three parts…

`gt` :: `(size :: Number)` -> `Image`

function name *domain* *range*

Consumes a solid green triangle of that size.

what does the function do?

Examples

Write some examples, then circle and label what changes…

`examples`:

_____ (_____) **is** _____

function name *input(s)* *what the function produces*

_____ (_____) **is** _____

function name *input(s)* *what the function produces*

`end`

Definition

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

`fun` `gt(size)`:

function name *variable(s)*

`triangle(size, "solid", "green")`

what the function does with those variable(s)

`end`

Directions: Define a function called `bc`, which makes solid blue circles of whatever radius we want.

Contract and Purpose Statement

Every contract has three parts…

_____ :: _____ -> _____

function name *domain* *range*

_____

what does the function do?

Examples

Write some examples, then circle and label what changes…

`examples`:

_____ (_____) **is** _____

function name *input(s)* *what the function produces*

_____ (_____) **is** _____

function name *input(s)* *what the function produces*

`end`

Definition

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

`fun` _____ (_____):

function name *variable(s)*

_____

what the function does with those variable(s)

`end`