The Design Recipe

Directions : Write a function `minimum-wage` , that takes in a number of hours worked and returns the amount a worker will get paid at $10.25/hr.

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

Directions : Write a function `tip-calculator` that takes in the cost of a meal and returns the 15% tip for that meal.

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