

CMSC21 Lab Exercise 5 - Design Recipe

Following the design recipe, create the following functions. Do not remove the stub and template after completing the function; just leave it commented out.

Design recipe steps:

1. Signature, purpose and stub
2. Define examples
3. Template and inventory (create constants)
4. Code the function body
5. Test and debug until correct

1. `cubed` - Returns the given integer raised to the power of 3.

2. `isEven` - Determines whether the given number is an even number.

3. `isUppercase` - Determines whether the given character is an uppercase letter of the alphabet

4. `orderCost` - The Kapehan coffee shop sells coffee beans at P850 per kilo plus the cost of shipping. Each order ships for P185 per kilo + P250 fixed cost per shipment for overhead. This function calculates the cost of an order. (Note: Create constants in the template step, where you write down the values available to work with.)

5. `exceptLastDigit` - Returns the given integer with the rightmost digit removed.