L2 Homework: Pounds to Kilograms & Mad Libs!

# Homework

1. Create a method for converting pounds to kilograms. (Add to your imperial\_to\_metric.rb)
2. Write a program that takes a string argument and:
   1. outputs the string in reverse.
      1. puts a=”Cory”
      2. puts a.reverse
   2. outputs the string in all caps
      1. puts a.upcase
   3. tells you the length of the string.
      1. puts a.size
      2. can also do puts a.length
3. When dividing numbers in Ruby, what if we want to include the remainder as well?
   1. 5/2.to\_f
4. Write a program that:
   1. asks for two integers
   2. divides the first by the second
   3. returns the result including the remainder.
   4. *(Optional: we learn this in the next lesson)* If either of the numbers is not an integer, then don’t accept the number and ask again.
   5. *(Optional: we learn this in the next lesson)* Do not accept zero (0) as a number.

The output should be similar to this:

$ ruby divider.rb  
Enter an Integer: 6  
Enter an Integer: 4  
You said to calculate: 6 / 4  
The answer is 1 with a remainder of 2

# Bonus Homework!

Create a Mad Lib Program!

* Have at least 10 inputs
* Include at least one number

**Example:**

Please enter the following.

Exclamation:

Name:

Adjective:

Holy Bananas! Is that Shane? Wow, he is way more handsome in person!

Create your own story, or steal one from the internets.