**Student Name/Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Rubric:**

\_\_\_\_\_\_\_/20 All 4 functions work properly (5 points each)

\_\_\_\_\_\_\_/5 Prompts user for a word and a function

\_\_\_\_\_\_\_/10 Checks user’s choice and prints out **only** that result

\_\_\_\_\_\_\_/5 Meaningful variable names, comments, overall style

\_\_\_\_\_\_\_/10 File named properly and turned in on time

\_\_\_\_\_\_\_/50 Total

**Description:**

Fill in the string\_game file I sent you so that the four functions work properly. The docstrings of each function explain their purposes.

Once those work, ask the user to input a word and then ask which of the four functions they’d like to do to that word. Print out the result of running only the function they chose. For example, running the program should look something like this:

Enter a word: computer

chop, swap, split, or repeat? repeat

cccomputerrr

Don’t worry—I’ll only use nice inputs. I’ll always type exactly the right function name, and I’ll only use split on even-length words.

**Program Requirements**

* Must be written in Python (all or nothing)
* Must compile without modifications to the code (all or nothing)
* chop, swap, split, and repeat all work properly on multiple words (20 points)
* Prompts the user for a word and a function (5 points)
* Runs and prints the correct function the user chose (10 points)
* Variable names, comments, and overall style are good (5 points)
* The file is named **string\_game\_lastname.py** and turned in on time (10 points)
* At the top of your code, you must include a block comment:
  + Your Name
  + Date
  + Class/Instructor
  + Project number and filename
  + One-line description of the purpose of the file

**What to do with it once you’re done (10 points)**

* Email me a copy of your .py file
  + The subject line MUST be “[ICS] Week 02 LastName” so mine would be “ [ICS] Week 02 Swindle”
  + MUST be turned in by the start of class on 8/21 or it’s late.