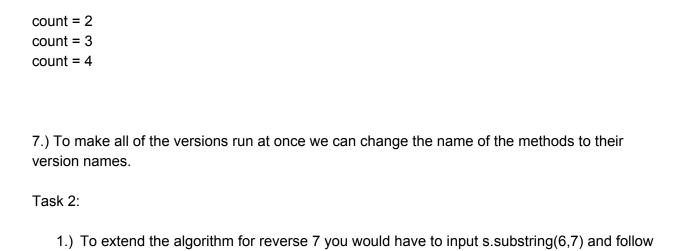Johny Xiong

CSE Lab 11 Questions/Tasks

Task 1:

1.)Entering recur with k = 0
Recursing with k = 0
Entering recur with k = 1
Recursing with k = 1
Entering recur with k = 2
Recursing with k = 2
Entering recur with k = 3
Recursing with k = 3
Entering recur with k = 4
Leaving recur with k = 4
Leaving recur with k = 3
Leaving recur with k = 2
Leaving recur with k = 1
Leaving recur with k = 0

2.) count = 0
count = 1
count = 2
count = 3
count = 4
count = 5

3.) NA

4.) count = 0
count = 1
count = 2
count = 3
count = 4

5.) count = 0

6.) count = 0
count = 1

count = 2
count = 3
count = 4

7.) To make all of the versions run at once we can change the name of the methods to their version names.

Task 2:

1.) To extend the algorithm for reverse 7 you would have to input s.substring(6,7) and follow suit like the other algorithms.
2.) Tnedifnoc
3.) The proper reversed string for "confident" should use the return value from reverse8 correctly.

Task 6:

1.) 1
2.) 2
3.) 31416
4.) The digit count should not change if the value The code should change so that it if the values are less than zero then it will be set to 1
5.) Other values include 0-10