Problems based on Recursion - 7

Assignment Questions

Q1. Write a program to merge 2 strings alternately using recursion starting from the first input string. (Easy)

Input1:
abcd
efgh
Output1:
aebfcgdh

Input2:
abet
po
Output2:
apboet

Q2. Given a string, find its first uppercase letter and return the remaining substring, starting from (Easy)
the uppercase letter.

Input1:
collegeWallah
Output1:
Wallah

Input2:
Coding
Output2:
Coding

Q3. Given a string, count total number of consonants in it. A consonant is an English alphabet (Easy)
character that is not vowel (a, e, i, o and u). Examples of constants are b, c, d, f, and g.

Input1:
pwskills
Output1:
7

Input2:
codIng
Output2:
4

Q4. Given a string, return the number of lowercase characters in it using recursion.   (Easy)

Input1:
CollegeWallah
Output1:
11

Input2:
pwskiLLS
Output2:
5

Q5. Given a string, recursively implement atoi() or Integer.parseInt() method on it without actually using the method.   (Easy)

Input1:
298
Output1:
298

Input2:
011
Output2:
11