



Note : Solutions should be uploaded to GitHub within 48H

Problem - 1:

Statement: Input -> string.

1. Input is a string of lowercase english alphabets.
2. You need to compress the string with the following rules:

- a. Convert the first letter to the uppercase
- b. Convert the substring consisting of all the consonants to the length of this substring (e.g. **abcde** to **a3e**).
- c. Remove the consecutive duplicate vowels (e.g. **aaaeiia** to **aeia**)
- d. First letter will not follow the rules b and c

Sample Input : aaabcdefee

Sample Output: Aa3ele

Sample Input : pqrseiiiouixyz

Sample Output: P3aeioui3

Explanation : The first character has to be converted to the uppercase regardless of whether it is a vowel or a consonant.

[a | aa | bcd | e | f | ee] => [A | a | 3 | e | 1 | e]