

ANKARA UNIVERSITY

COM101B

Fall 2017

LAB5-Quiz

Date: 24/11/2017 Group 1

Duration: 90 minutes

Write a program that takes a character sequence and an index sequence; prints the characters in the sequence in reverse order. In printing the characters, there is a simple rule: you will **capitalize** the letters that appear in the index positions. Please look at the example below. The index sequence will be terminated with a special character: !. You need to consider the case where no index is given. In this case, you will simply print the characters in reverse order without modifications.

For example: Assume that the input is given as:

>cosabct 4150!

*Your program will first re-arrange the data into a capital letter format considering the given indexes. In the input, you are given that the characters at the indexes {4,1,5,0} will be capitalized. Hence, your character sequence becomes: COsaBct.

* Then you will print this sequence in the reverse order. Hence, the output will be:

>tCBasOC

Ex2: No index is given.

>dgtyz !

>zytgd

Input Format:

<character sequence without space>!

Output format:

<output sequence without space>\n

*You can assume that the character sequence will not exceed 10 characters. Hence, index numbers will be 1-digit numbers.

*All the input characters will be provided as small letters: {a,b,...,z}

Submission: Your source code will be named using your student ID: <student-id>.c

Ex: if your id is 1123456 than you should name your source code like this: 1123456.c

Please test your program thoroughly before submission.

Good luck 😊