TASK 4
TO EXPLORE STRING

Q1.

Define a function that will return the maximum occurring character in an input of string.

Sample Input1

aababc

Sample Output 1

a: 3 times

Q2.

Input a string, and using a function remove all duplicate characters in the string.

Sample Input1

aababc

Sample Output1

abc

Q3.

Input two strings s1 and s2, and using a function remove the characters from s1 which are present in s2

Sample Input1

aababc   amba

Sample Output1

c

Q4.

Input a string, and using a function return the longest substring which doesn't have repeated characters.

Sample Input	Sample Output
bbbb	b
amrita	amrit
school	scho
appreciate	preciat

Q6.

Input a string, and using a function remove all "b" and "ac" from string and can only iterate over the string only once.

Sample Input	Sample Output
acbac	" "
aaac	aa
ababac	aa
bbbbd	d

Q7.

Input a string, and using a function print the largest and smallest word in the string.

Sample Input

This is computer programming

Sample Output

smallest: is   largest: programming

Q8.

Input a string, and using a function convert all the vowels to uppercase.

Sample Input1

aababc

Sample Output1

AAbAbc