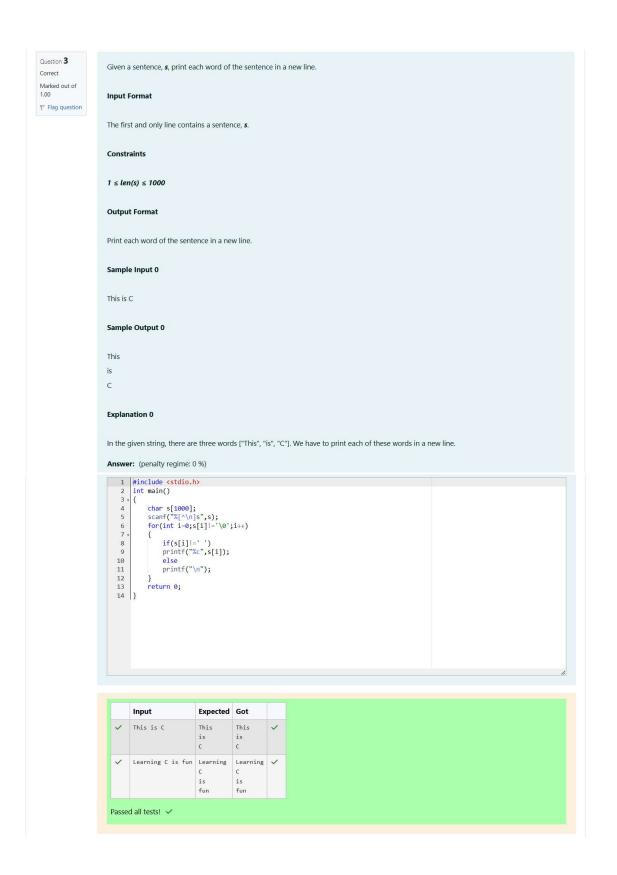


Question 2 Today, Monk went for a walk in a garden. There are many trees in the garden and each tree has an English alphabet on it. While Monk was Correct walking, he noticed that all trees with vowels on it are not in good state. He decided to take care of them. So, he asked you to tell him the Marked out of count of such trees in the garden. 1.00 Flag question Note: The following letters are vowels: 'A', 'E', 'I', 'O', 'U', 'a', 'e', 'i', 'o' and 'u'. Input: The first line consists of an integer T denoting the number of test cases. Each test case consists of only one string, each character of string denoting the alphabet (may be lowercase or uppercase) on a tree in the Output: For each test case, print the count in a new line. Constraints: 1 ≤ T ≤ 10  $1 \le length of string \le 10^5$ SAMPLE INPUT 2 nBBZLaosnm JHklsnZtTL SAMPLE OUTPUT Explanation In test case 1, a and o are the only vowels. So, count=2 Answer: (penalty regime: 0 %) int t;
scanf("%d",&t);
while(t--) char str[100000];
int count=0;
scanf("%s",str);
for(int i=0;str[i]!='\0';i++) printf("%d\n",count); nBBZLaosnm 1 nBBZLaosnm 1 JHkIsnZtTL Passed all tests! 🗸



Question 4 **Input Format** Correct Marked out of 1.00 You are given two strings, **a** and **b**, separated by a new line. Each string will consist of lower case Latin characters ('a'-'z'). F Flag question **Output Format** In the first line print two space-separated integers, representing the length of  $\boldsymbol{a}$  and  $\boldsymbol{b}$  respectively. In the second line print the string produced by concatenating  ${\it a}$  and  ${\it b}$  ( ${\it a}$  +  ${\it b}$ ). In the third line print two strings separated by a space,  $\boldsymbol{a}'$  and  $\boldsymbol{b}'$ .  $\boldsymbol{a}'$  and  $\boldsymbol{b}'$  are the same as  $\boldsymbol{a}$  and  $\boldsymbol{b}$ , respectively, except that their first characters are swapped. Sample Input abcd ef Sample Output abcdef ebcd af Explanation a = "abcd" b = "ef" |a| = 4 |b| = 2 a + b = "abcdef" a' = "ebcd" b' = "af" Answer: (penalty regime: 0 %) 1 #include <stdio.h> 2 int main()
3 \* { char str1[10],str2[10],t;
int i=0,j=0;
int count1=0,count2=0;
scanf("%s",str1);
scanf("%s",str2);
while(str1[i]!='\0')
{
 count1++; 10 11 12 count1++; i++; 13 14 15 + 16 17 18 19 20 21 22 23 24 25 26 } while(str2[j]!='\0') count2++; j++; } printf("%d %d\n",count1,count2); printf("%s%s\n",str1,str2); t=str1[0]; str1[0]=str2[0]; str2[0]=t; printf("%s %s",str1,str2); return 0; Input Expected Got abcd 4 2 abcdef ef abcdef ebcd af ebcd af Passed all tests! 🗸