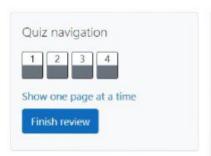
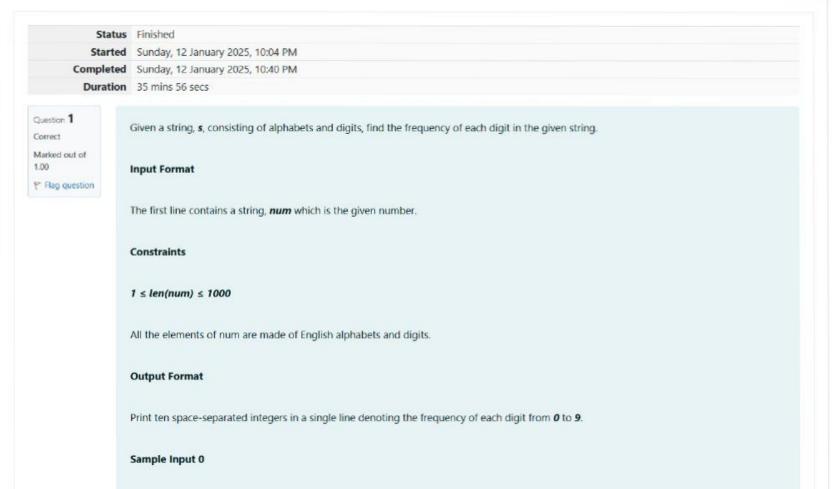
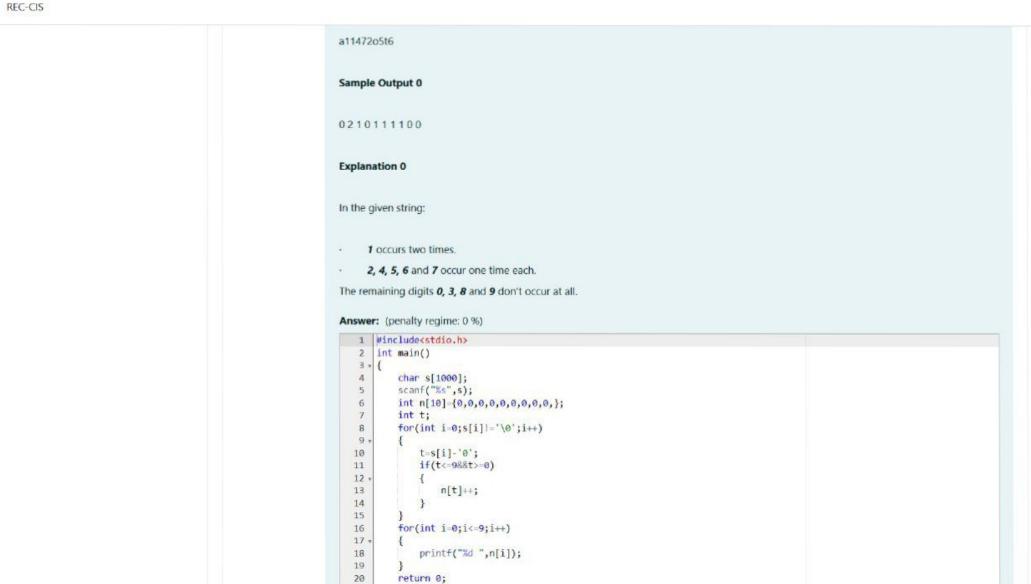
GE23131-Programming Using C-2024







1 occurs two times.

Passed all tests! <

2, 4, 5, 6 and 7 occur one time each.

The remaining digits 0, 3, 8 and 9 don't occur at all.

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
    int main()
3 + {
       char s[1000];
4
       scanf("%s",s);
       int n[10]={0,0,0,0,0,0,0,0,0,0,};
       int t;
       for(int i=0;s[i]!="\0";i++)
           t=s[i]-'0';
10
           if(t<=9&&t>=0)
11
12 +
13
               n[t]++;
14
15
16
        for(int i=0;i<=9;i++)
17 ,
           printf("%d ",n[i]);
18
19
20
       return 0;
21
```

	Input	E	xp	e	cte	d						G	ot									
~	a11472o5t6	0	2	1	0	1	1	1	1	0	0	0	2	1	0	1	1	1	1	0	0	~
~	lw4n88j12n1	0	2	1	0	1	0	0	0	2	0	0	2	1	0	1	0	0	0	2	0	~
~	1v888861256338ar0ekk	1	1	1	2	0	1	2	0	5	0	1	1	1	2	0	1	2	0	5	0	~

REC-CIS	
Cuestion 2 Correct Marked out of 1.00 P Flag question	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 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 count of such trees in the garden. 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 garden.
	Output:
	For each test case, print the count in a new line.
	Constraints:
	1 ≤ T ≤ 10 1 ≤ length of string ≤ 10 ⁵
	SAMPLE INPUT
	2 nBBZLaosnm JHklsnZtTL

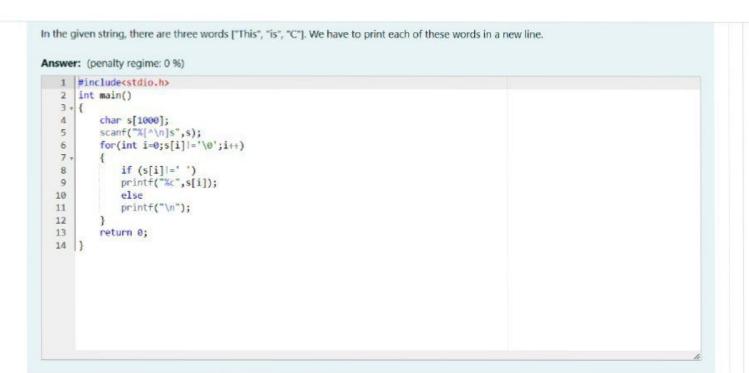


```
In test case 1, a and o are the only vowels. So, count=2
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
      int main()
          int t;
          scanf("%d",&t);
          while(t--)
              char str[100000];
              int count=0;
              scanf("%s",str);
  10
              for(int i=0;str[i]!='\0';i++)
  11
  12 .
  13
                  char c=str[i];
                  if((c=-'a')||(c=-'e')||(c=-'i')||(c=-'o')||(c=-'u')||(c=-'a')||(c=-'b')||(c=-'u'))|
  14
  15
                  count++;
  16
              printf("%d\n",count);
  17
  18
  19
          return 0;
  20
```

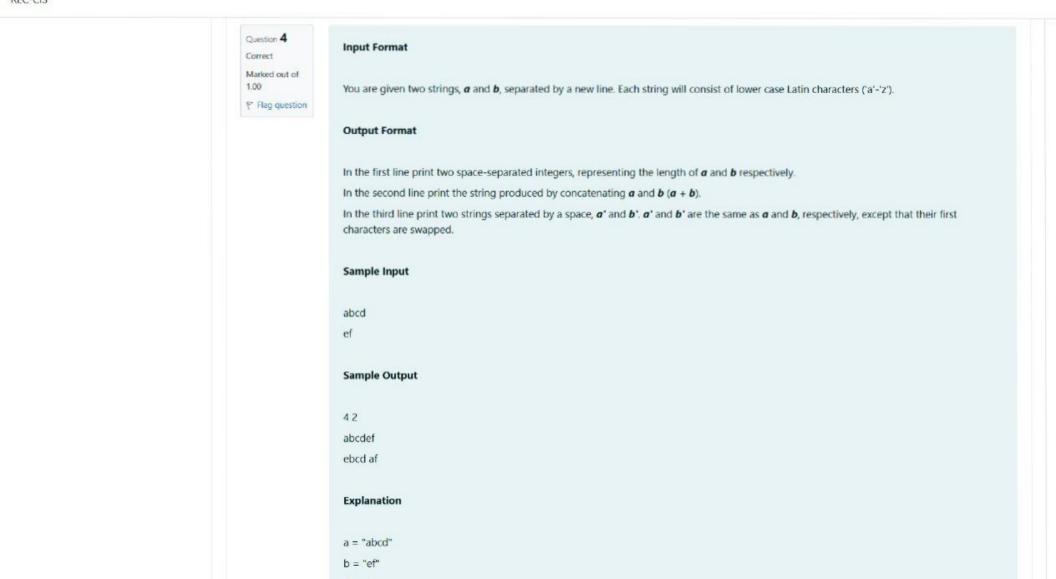
	Input	Expected	Got	
/	2	2	2	~
	nBBZLaosnm JHkIsnZtTL	1	1	
~	2	2	2	~
	nBBZLaosnm JHkIsnZtTL	1	1	

Passed all tests! 🗸

Question 3 Correct	Given a sentence, s, print each word of the sentence in a new line.
Marked out of 1.00 P Flag question	Input Format
	The first and only line contains a sentence, s.
	Constraints
	$1 \le len(s) \le 1000$
	Output Format
	Print each word of the sentence in a new line.
	Sample Input 0
	This is C
	Sample Output 0
	This
	is C
	Explanation 0



	Input	Expected	Got	
~	This is C	This is c	This is C	~
~	Learning C is fun	Learning C is	Learning C is fun	~



```
|a| = 4
|b| = 2
a + b = "abcdef"
a' = "ebcd"
b" = "af"
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
      int main()
   2
   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')
  10 .
               count1++;
  11
  12
               i++;
  13
  14
           while(str2[j]!='\0')
  15 v
  16
               count2++;
  17
               j++;
  18
  19
           printf("%d %d\n",count1,count2);
           printf("%s%s\n",str1,str2);
   20
  21
           t=str1[0];
   22
           str1[0]=str2[0];
  23
           str2[0]=t;
           printf("%s %s", str1, str2);
  24
   25
           return 0;
  26 }
```

Input Expected Got

```
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
      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')
  10 .
  11
              count1++;
  12
              i++;
  13
  14
          while(str2[j]!='\0')
  15 +
  16
              count2++;
  17
              j++;
  18
  19
          printf("%d %d\n",count1,count2);
  20
          printf("%s%s\n",str1,str2);
  21
          t=str1[0];
          str1[0]=str2[0];
  22
  23
          str2[0]=t;
  24
          printf("%s %s", str1, str2);
  25
          return 0;
  26 }
```

