

 Coding

✓ Assessment-09-Two-Dimensional and Multi-dimensional Arrays

✓ Week-10-Character Arrays and Strings

 Coding ✓ Done

✓ Assessment-10-Character Arrays and Strings

✓ Week-11-String Handling Functions

 Coding ✓ Done

✓ Assessment-11-String Handling Functions

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

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char str[1000];
5     scanf("%s",str);
6     int hash[10]={0,0,0,0,0,0,0,0,0,0};
7     int temp;
8     for(int i=0;str[i]!='\0';i++)
9     {
10        temp=str[i]-'0';
11        if(temp<=9&&temp>=0)
12        {
13            hash[temp]++;
14        }
15    }
16    for(int i=0;i<=9;i++)
17    {
18        printf("%d ",hash[i]);
19    }
20    return 0;
21 }
```

I

Input	Expected	Got
a1147205t6	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	✓

Answer: (penalty regime: 0 %)

```

1 #include<stdio.h>
2 int main()
3 {
4     int t;
5     scanf("%d",&t);
6     while(t--)
7     {
8         char str[100000];
9         int count=0;
10        scanf("%s",str);
11        for(int i=0;str[i]!='\0';i++)
12        {
13            char c= str[i];
14            if((c=='a')||(c=='e')||(c=='i')||(c=='o')||(c=='u')||(c=='A')||(c=='E')||(c=='I')||(c=='O')||(c=='U'))
15            count++;
16        }
17        printf("%d\n",count);
18    }
19    return 0;
20 }
```

Input	Expected	Got
✓ 2 nBBZLaoasnmmJHkIsnZtTL	2 1	✓
✓ 2 nBBZLaoasnmmJHkIsnZtTL	2 1	✓

```

1 #include<stdio.h>
2 int main()
3 {
4     char s[1000];
5     scanf("%[^\\n]s",s);
6     for(int i=0;s[i]!='\\0';i++)
7     {
8         if(s[i]!=' ')
9             printf("%c",s[i]);
10        else
11            printf("\n");
12    }
13    return 0;
14 }
```

Input	Expected	Got
✓ This is C	This is C	This is C
✓ Learning C is fun	Learning C is fun	Learning C is fun

```

2
3 {
4     char str1[10],str2[10],t;
5     int i=0,j=0;
6     int count1=0,count2=0;
7     scanf("%s",str1);
8     scanf("%s",str2);
9     while(str1[i]!='\0')
10    {
11        count1++;
12        i++;
13    }
14 }
15 while(str2[j]!='\0')
16 {
17     count2++;
18     j++;
19 }
20 printf("%d %d\n",count1,count2);
21 printf("%s%s\n",str1,str2);
22 t=str1[0];
23 str1[0]=str2[0];
24 str2[0]=t;
25 printf("%s %s",str1,str2);
26 return 0;
27 }

```

Input	Expected	Got
✓ abcd ef	4 2	4 2
abcd af	abcdef	abcdef
abcd af	ebcd af	