

Section: Week-10-Character Arrays and Strings

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MANISHA M 2024-CSE M2

Week-10-Character Arrays and Strings

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Attempts allowed: 5

Time limit: 1 hour 30 mins

Grading method: Highest grade

Your attempts

Attempt 1

Status Finished**Started** Friday, 17 January 2025, 12:34 AM**Completed** Friday, 17 January 2025, 12:55 AM**Duration** 21 mins 12 secs[Review](#)[◀ Coding](#)

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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 }

```

	Input	Expected	Got	
✓	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	✓

Passed all tests! ✓




```

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	2	2	✓
	nBBZLaosnm	1	1	
	JHkIsnZtTL			
✓	2	2	2	✓
	nBBZLaosnm	1	1	
	JHkIsnZtTL			

Passed all tests! ✓



In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

Answer: (penalty regime: 0 %)

```
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	✓

Passed all tests! ✓



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Answer: (penalty regime: 0 %)

```

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

```

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

Passed all tests! ✓



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