

Section: Week-11-String Handlin

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REC-CIS MANISHA M 2024-CSE M2

Week-11-String Handling Functions

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Coding

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Windows taskbar icons: File Explorer, Search, Task View, File Manager, Microsoft Edge, Microsoft Word, Google Chrome, Microsoft Word document, Microsoft Word document with 4 notifications.

System tray icons: ENG IN, WiFi, Battery, 1:26 PM, 1/17/2025, 20.

✓ Done

Re-attempt quiz

Attempts allowed: 4

Time limit: 1 hour 30 mins

Grading method: Highest grade

Your attempts

Attempt 1

Status	Finished
Started	Friday, 17 January 2025, 12:56 AM
Completed	Friday, 17 January 2025, 1:28 AM
Duration	31 mins 33 secs

Review

◀ Coding

Jump to...

Coding ▶



1:26 PM
ENG IN
1/17/2025

```
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     char str1[1000000],str2[1000000];
6     int flag=1;
7     scanf("%s %s",str1,str2);
8     int a=strlen(str1);
9     int b=strlen(str2);
10    if(a==b)
11    {
12        for(int i=a-1;i>=0;i--)
13        {
14            while(str1[i]!=str2[i])
15            {
16                for(int j=0;j<=i;j++)
17                {
18                    if(str1[j]<'z')
19                        str1[j]++;
20                    else
21                    {
22                        flag=0;
23                        break;
24                    }
25                    if(flag==0)
26                        break;
27                }
28            }
29        }
30    }
31    else
32    flag=0;
33    if(flag==0)
34        printf("NO");
35    else
36        printf("YES");
37    return 0;
38 }
```



```
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```

```
        if(flag==0)
            break;
    }
}
else
    flag=0;
if(flag==0)
    printf("NO");
else
    printf("YES");
return 0;
}
```

	Input	Expected	Got	
✓	abaca cdbda	YES	YES	✓

Passed all tests! ✓

Question 2

Correct

Marked out of
1.00

[Flag question](#)

Danny has a possible list of passwords of Manny's facebook account. All passwords length is odd. But Danny knows that Manny is a big fan of palindromes. So, his password and reverse of his password both should be in the list.

You have to print the length of Manny's password and it's middle character.



ENG
IN

```
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     int n, flag=0;
6     char temp;
7     scanf("%d",&n);
8     char words[n][14];
9     for(int i=0;i<n;i++)
10    scanf("%s",words[i]);
11    char reverse[14];
12    for(int i=0;i<n-1;i++)
13    {
14        strcpy(reverse,words[i]);
15        int size=strlen(reverse);
16        for(int k=0;k<size/2;k++)
17        {
18            temp=reverse[k];
19            reverse[k]=reverse[size-k-1];
20            reverse[size-k-1]=temp;
21        }
22        for(int j=i+1;j<n;j++)
23        {
24            if(strcmp(reverse,words[j])==0)
25            {
26                flag=1;
27                break;
28            }
29        }
30    }
31    if(flag==1)
32    break;
33 }
34 int len=strlen(reverse);
35 printf("%d %c ",len,reverse[len/2]);
36 return 0;
37
38 }
```

```
31
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34
35
36
37
38 }  
    if(flag==1)
        break;
}
int len=strlen(reverse);
printf("%d %c ",len,reverse[len/2]);
return 0;
```

	Input	Expected	Got	
✓	4 abc def feg cba	3 b	3 b	✓

Passed all tests! ✓

Question 3

Correct

Marked out of
0.0

Flag question

Joey loves to eat Pizza. But he is worried as the quality of pizza made by most of the restaurants is deteriorating. The last few pizzas ordered by him did not taste good :(. Joey is feeling extremely hungry and wants to eat pizza. But he is confused about the restaurant from where he should order. As always he asks Chandler for help.

Chandler suggests that Joey should give each restaurant some points, and then choose the restaurant having **maximum points**. If more than one restaurant has same points, Joey can choose the one with **lexicographically smallest** name.

Joey has assigned points to all the restaurants, but can't figure out which restaurant satisfies Chandler's criteria. Can you help him out?

Input:

```
3 int main()
4 {
5     int n;
6     scanf("%d",&n);
7     char res[n][21];
8     int rate[n];
9     for(int i=0;i<n;i++)
10    {
11        scanf("%s %d",res[i],&rate[i]);
12    }
13    int max=rate[0];
14    char ans[20];
15    strcpy(ans,res[0]);
16    for(int i=1;i<n;i++)
17    {
18        if(rate[i]>max)
19        {
20            max=rate[i];
21            strcpy(ans,res[i]);
22        }
23        else if(rate[i]==max)
24        {
25            if(strcmp(res[i],ans)<0)
26                strcpy(ans,res[i]);
27        }
28    }
29    printf("%s",ans);
30
31 }
```

	Input	Expected	Got	
✓	3 Pizzeria 108 Dominos 145 Pizzapizza 49	Dominos	Dominos	✓

Passed all tests! ✓

ENG IN 1:27 PM 1/17/2025 20

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     int t;
6     scanf("%d",&t);
7     while(t--)
8     {
9         int flag=1;
10        char s[1000000];
11        scanf("%s",s);
12        int k=strlen(s);
13        if(k==10)
14        {
15            for(int i=0;i<10;i++)
16            {
17                if(s[i]=='0')
18                {
19                    flag=0;
20                    break;
21                }
22                if(s[i]<'0'||s[i]>'9')
23                {
24                    flag=0;
25                    break;
26                }
27            }
28        }else
29        flag=0;
30        if(flag==1)
31        printf("YES\n");
32        else
33        printf("NO\n");
34    }
35    return 0;
36 }
```

```
16 v
17
18 v
19
20
21
22
23 v
24
25
26
27
28
29
30
31
32
33
34
35
36 }
```

	Input	Expected	Got	
✓	3	YES	YES	✓
	1234567890	NO	NO	
	0123456789	NO	NO	
	0123456.87			

Passed all tests! ✓

Finish review