

Week 11

string **abaca** can be converted to **bcdba** in one move and to **cdbda** in the next move.

ver: (penalty regime: 0 %)

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

Input	Expected	Got	
abaca	YES	YES	✓
cdbda			

sed all tests! ✓

swer: (penalty regime: 0 %)

```
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][n];
9     for(int i=0;i<n;i++)
10     scanf("%s",words[i]);
11     char reverse[14];
12     for(int i=0;i<n;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         if(flag == 1)
31             break;
32     }
33     int len=strlen(reverse);
34     printf("%d %c",len,reverse[len/2]);
35     return 0;
36 }
```

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

assed all tests! ✓

Dominos

### Explanation

**Dominos** has maximum points.

**Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<string.h>
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",res[i]);
12     scanf("%d",&rate[i]);
13 }
14 int max=rate[0];
15 char ans[20];
16 strcpy(ans,res[0]);
17 for(int i=1;i<n;i++)
18 {
19     if(rate[i]>max)
20     {
21         max=rate[i];
22         strcpy(ans,res[i]);
23     }
24     else if(rate[i]==max)
25     {
26         if(strcmp(res[i],ans)<0)
27             strcpy(ans,res[i]);
28     }
29 }
30 printf("%s",ans);
31 }
```

	Input	Expected	Got	
✓	3 Pizzeria 108 Domino's 145 Pizzapizza 49	Domino's	Domino's	✓

Passed all tests! ✓

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[100000];
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        }
29        else
30        {
31            flag=0;
32            if(flag==1)
33                printf("YES\n");
34            else
35                printf("NO\n");
36        }
37    }
38 }
```

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

Passed all tests! ✓