

Coding

✓ Done

✓ Assessment-10-Character Arrays and Strings

✓ Week-11-String Handling Functions

Coding

✓ Done

✓ Assessment-11-String Handling Functions

✓ Week-12-User-Defined Functions

Coding

✓ Done

✓ Assessment-12-User-Defined Functions

✓

```
3 int main()
4 {
5     char str1[100000],str2[100000];
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                    if(str1[j]<'z')
24                        str1[j]++;
25                    else
26                        flag=0;
27                }
28            }
29        }
30    }
31 }
32 else
33 flag=0;
34
35 if(flag==0)
36     printf("NO");
37 else
38     printf("YES");
39
40 return 0;
```

```
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
17         for(int k=0;k<size/2;k++)
18        {
19            temp=reverse[k];
20            reverse[k]=reverse[size-k-1];
21            reverse[size-k-1]=temp;
22
23        }
24        for(int j=i+1;j<n;j++)
25        {
26            if(strcmp(reverse,words[j])==0)
27            {
28                flag=1;
29                break;
30            }
31        }
32        if(flag==1)
33            break;
34    }
35    int len=strlen(reverse);
36    printf("%d %c",len,reverse[len/2]);
37 }
```

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 }
15 int max=rate[0];
16 char ans[20];
17 strcpy(ans, res[0]);
18 for(int i=1; i<n; i++)
19 {
20     if(rate[i]>max)
21    {
22         max=rate[i];
23         strcpy(ans, res[i]);
24     }
25     else if(rate[i]==max)
26    {
27        if(strcmp(res[i], ans)<0)
28        {
29            strcpy(ans, res[i]);
30        }
31    }
32 printf("%s", ans);
33 }
```

```
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[10000];
11        scanf("%s",s);
12        int k=strlen(s);
13
14        if(k==10)
15        {
16            for(int i=0;i<10;i++)
17            {
18                if(s[i]=='0')
19                {
20                    flag=0;
21                    break;
22                }
23            }
24        }
25        if(s[i]<'0'||s[i]>'9')
26        {
27            flag=0;
28            break;
29        }
30    }
31    else
32    {
33        if(flag==1)
34        printf("YES\n");
35    }
36
37    return 0;
38 }
```