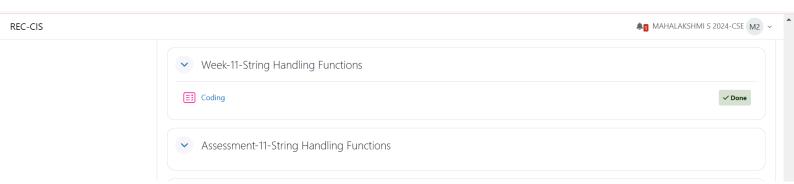
## **WEEK - 11**



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

	Input	Expected	Got	
~	abaca cdbda	YES	YES	<b>~</b>

Passed all tests! <

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

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

Passed all tests! 🗸

```
1
   #include<stdio.h>
 2
    #include<string.h>
 3 v
    int main(){
 4
        int n;
         scanf("%d", &n);
 5
 6
         char res[n][21];
         int rate[n];
 7
 8 ,
         for(int i = 0; i < n; i++){</pre>
           scanf("%s", res[i]);
scanf("%d", &rate[i]);
 9
10
        }
11
12
         int max = rate[0];
13
         char ans[20];
14
         strcpy(ans, res[0]);
15 v
         for(int i = 1; i < n; i++){</pre>
16 •
             if(rate[i] > max){
17
                 max = rate[i];
18
                 strcpy(ans, res[i]);
19
             else if(rate[i] > max){
20 1
                 if(strcmp(res[i], ans) < 0)</pre>
21
                 strcpy(ans, res[i]);
22
23
24
         printf("%s", ans);
25
26 }
```

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

Passed all tests! 🗸

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

	Input	Expected	Got	
~	3	YES	YES	<b>~</b>
	1234567890	NO	NO	
	0123456789	NO	NO	
	0123456.87			

Passed all tests! ✓