WEEK 11

YES

Explanation

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

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
#include <string.h>
int main(){
    char str1[1000000],str2[1000000];
    scanf("%s",str1);
    scanf("%s",str2);
    int a=strlen(str1);
    int b=strlen(str2);
    if(a!=b){
        printf("NO\n");
        return 0;}
        for(int i=0;i<a;i++){
            if(str1[i]>str2[i]){
                printf("NO\n");
                return 0;
            }
        }
        printf("YES\n");
        return 0;
}
```

	Input	Expected	Got	
✓	abaca cdbda	YES	YES	✓

Passed all tests! ✓

сba

SAMPLE OUTPUT

3 b

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
#include<string.h>
int main(){
    int n;
    scanf("%d",&n);
    char pwd[100][15];
    for(int i=0;i<n;i++){
        scanf("%s",pwd[i]);
    }
    for(int i=0;i<n;i++){
        for(int j=i+1;j<n;j++){
            int len=strlen(pwd[i]);
            if(len==strlen(pwd[j])){
                int pal=1;
                for(int k=0;k<len;k++){
                    if(pwd[i][k]!=pwd[j][len-k-1]){
                        pal=0;
                        break;
                    }
                }
                if(pal){
                    printf("%d %c\n",len,pwd[i][len/2]);
                    return 0;
                }
            }
        }
    }
    return 0;
}
```

	Input	Expected	Got	
✓	4 abc	3 b	3 b	✓

Dominos

Explanation

Dominos has maximum points.

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
✓	3	Dominos	Dominos	✓

YES

NO

NO

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
✓	3	YES	YES	✓
	1234567890	NO	NO	