```
Two strings A and B comprising of lower case English letters are compatible if they are equal or can be made equal by following this step any number of times

Select a prefix from the string A (possibly empty, and increase the alphabetical value of all the characters in the prefix by the same valid amount. For example, if the string is xyz and we select the prefix xy then we can convert it to yz by increasing the alphabetical value by 1. But if we select the prefix xyz then we cannot increase the alphabetical value.

Your task is to determine if given strings A and B are compatible.

Input format

First line: String A

Next line: String A

Next line: String B

Control

Constraints

1 = Ien(A) = 10000000

1 = Ien(B) = 10000000

1 = Ien(B) = 10000000

5 xMPLE INPUT

Abara

cibds

SAMPLE OUTPUT

YES

Explanation

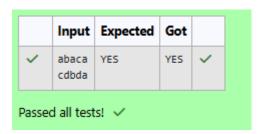
The string above can be converted to bebote in one move and to cabbis in the next move.
```

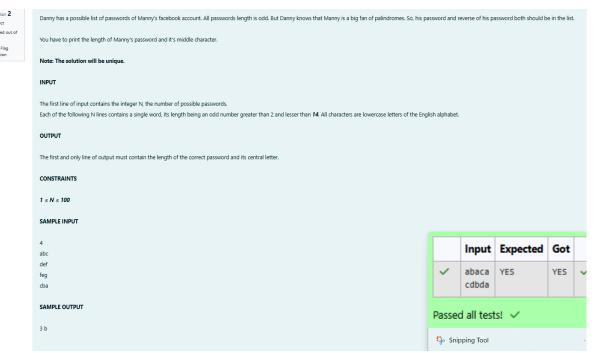
#### Source Code

## Answer: (penalty regime: 0 %)

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

#### Result





# Source Code

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

```
#include<stdio.h>
#include<string.h>
int main()
    int n,flag=0;
    char t;
    scanf ("%d", &n);
    char words[n][14];
    for(int i=0;i<n;i++)
    scanf("%s",words[i]);
    char reverse[14];
    for(int i=0;i<n-1;i++)
        strcpy(reverse,words[i]);
        int size=strlen(reverse);
        for (int k=0; k < size/2; k++)
            t=reverse[k];
            reverse[size-k-1]=t;
        }
        for(int j=0;j<n;j++)
        {
            if(strcmp(reverse,words[j])==0)
                flag=1;
                break;
            }
        if(flag==1)
        break;
    int len=strlen(reverse);
   printf("%d %c",len,reverse[len/2]);
   return 0;
}
```

Result

```
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.
□ F Flag
                       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
                       Joey has assigned points to all the restaurants, but can't figure out which restaurant satisfies Chandler's criteria. Can you help him out?
                      First line has N, the total number of restaurants.
                      Next N lines contain Name of Restaurant and Points awarded by Joey, separated by a space. Restaurant name has no spaces, all lowercase letters and will not be more than 20 characters.
                      Print the name of the restaurant that Joey should choose.
                      Constraints:
                       1 <= N <= 10<sup>5</sup>
                       1 <= Points <= 10<sup>6</sup>
                      SAMPLE INPUT
                      Pizzeria 108
                      Dominos 145
                      Pizzapizza 49
                      SAMPLE OUTPUT
                      Dominos
                      Explanation
                      Dominos has maximum points.
```

### Source Code

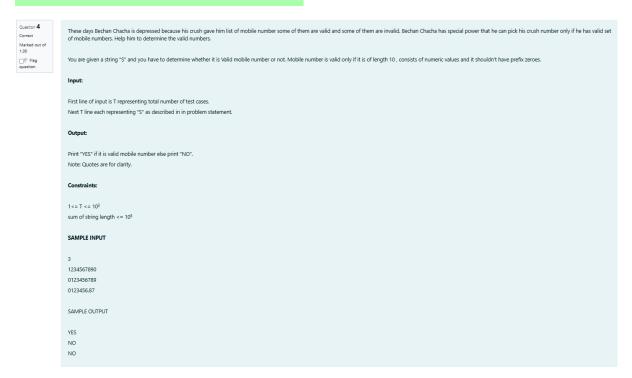
### Answer: (penalty regime: 0 %)

```
#include<stdio.h>
#include<string.h>
int main()
{
    int n;
    scanf("%d",&n);
    char res[n][21];
    int rate[n];
    for(int i=0;i<n;i++)
    {
        scanf("%s",res[i]);
        scanf("%d",&rate[i]);
    }
    int max=rate[0];
    char ans[20];
    strcpy(ans,res[0]);
    for(int i=1;i<n;i++)
    {</pre>
```

```
{
    if(rate[i]>max)
    {
        max=rate[i];
        strcpy(ans,res[i]);
    }
    else if(rate[i]==max)
    {
        if(strcmp(res[i],ans)<0)
            strcpy(ans,res[i]);
    }
}
printf("%s",ans);
return 0;
}</pre>
```

### Result

	Input	Expected	Got	
<b>~</b>	3 Pizzeria 108 Dominos 145 Pizzapizza 49	Dominos	Dominos	~
Passe	d all tests! 🗸			



### Source Code

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

```
#include<stdio.h>
#include<string.h>
int main()
   int t;
   scanf("%d",&t);
   while(t--)
       int flag=1;
       char s[100000];
       scanf("%s",s);
        int k=strlen(s);
       if(k==10)
        {
           for(int i=0;i<10;i++)
                if(s[0]=='0')
             {
                 flag=0;
                 break;
            }
         }
     }
     else
     flag=0;
     if(flag==1)
     printf("YES\n");
     else
     printf("NO\n");
 }
 return 0;
```

### Result

}

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