Constraints

1 ≤ len(A) ≤ 1000000

1 ≤ len(B) ≤ 1000000

SAMPLE INPUT

abaca

cdbda

SAMPLE OUTPUT

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];
    int flag=1;
    scanf("%s",str1);
    scanf("%s",str2);
    int a=strlen(str1);
    int b=strlen(str2);
    if(a==b)
    {
        for(int i=a-1;i>=0;i--)
        {
            while(str1[i]!=str2[i])
            {
                for(int j=0;j<=i;j++)
                {
                    if(str1[j]<'z')
                    str1[j]++;
                    else
                    {
                        flag=0;
                        break;
                    }
                    if(flag==0)
                    break;
                }
            }
        }
    }
    else
    flag=0;
    if(flag==0)
    printf("NO");
    else
    printf("YES");
}
```

	Input	Expected	Got	
✓	abaca cdbda	YES	YES	✓

Passed all tests! ✓

SAMPLE INPUT

```
4
abc
def
feg
cba
```

SAMPLE OUTPUT

```
3 b
```

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
#include<string.h>
int main()
{
    int n,flag=0;
    char temp;
    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++)
    {
        temp=reverse[k];
        reverse[k]=reverse[size-k-1];
        reverse[size-k-1]=temp;
    }
    for(int j=i+1;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]);
}
```

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

Passed all tests! ✓

SAMPLE INPUT

```
3
Pizzeria 108
Dominos 145
Pizzapizza 49
```

SAMPLE OUTPUT

```
Dominos
```

Explanation

Dominos has maximum points.

Answer: (penalty regime: 0 %)

```c
#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++)
    {
        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;
}

```

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

Passed all tests! ✓

1<= T <= 10^3

sum of string length <= 10^5

SAMPLE INPUT

3

1234567890

0123456789

0123456.87

SAMPLE OUTPUT

YES

NO

NO

Answer: (penalty regime: 0 %)

```c
#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;
                }
                if(s[i]<'0'||s[i]>'9')
                {
                    flag=0;
                    break;
                }
            }
        }
        else
        flag=0;
        if(flag==1)
        printf("YES\n");
        else
        printf("NO\n");
    }
}
```

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

Passed all tests! ✓