Question 1 Correct Marked out of 1.00 Flag question

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 convent it to yx 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.

Inputformat

First line: String A

Next line: String B

Output format

For each test case, print YES if string A can be converted to string B, otherwise print NO.

Constraint

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.

```
#includesatin, he

#includesating, he

#includ
```

```
Input Expected Got

Input Expected Got

Abaca YES YES YES

Passed all tests I I
```

Question 2 Correct Marked out of 1.00 the Flag question Danny has a possible list of passwords of Manny's facebook account. All passwords length is odd. But Danny knows that Manny is a big fan of palindromes. So, his password and reverse of his password both should be in the list.

You have to print the length of Manny's password and it's middle character.

Note: The solution will be unique.

INPUT

The first line of input contains the integer N, the number of possible passwords.

Each of the following Nines contains a single word, its length being an odd number greaterthan 2 and lesser than 14. All characters are lowercase letters of the English alphabet.

OUTDUT

The first and only line of output must contain the length of the correct password and its central letter.

CONSTRAINTS

1 ≤ N ≤ 100

SAMPLE INPUT

4 abc

def

feg

cba

SAMPLE OUTPUT

3 b

```
| Minclude=stdia_No
| Same saint|
| Care | Same saint|
| S
```

```
Input Expected Got

4 3 b 3 b 4
abc
def
feg
cba
```

Question 3
Correct
Makedout of 1.00

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 sake Chandler for help.

Chandler suggests that Joey should give each restaurant some points, and then choose the new terms thaving maximum points. If more than one restaurant has same points, Joey can choose the one with lexicographically smallest name.

Joey has assigned points to all the restaurants, but can't figure out which restaurant satisfies Chandler's criteria. Can you help him out?

Input

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.

0....

Print the name of the restaurant that Joey should choose.

.....

1 <= N <= 10⁵ 1 <= Points <= 10⁶

CAMPLE INDIT

3

Pizzeria 108

Dominos 145

Pizzapizza 49

SAMPLE OUTPUT

Domino

Explanation

Dominos has maximum points.

You are given a string '3' and you have to determine whether it a Valid mobile number or not. Mobile number is valid only if it is of length 10, consists of numeric values and it is houldn't have prefix zeroes.

First line of input is Trepresenting total number of test cases.

NextT line each representing "5" as described in in problemstatement.

Print "YES" if it is valid mobile number else print "N σ ". Note: Quotes are for clarity.

SAMPLE INPUT

SAMPLE OUTPUT

```
int t;
scanf("Md", &t);
while(t-)
{
  int flag=1;
  char s[10000];
  scanf("Mo", %);
  int k-strlan(s);
  if(k-10)
  {
    for(int ind-f-1);
    for(int ind-f-1);
}
                                                    int k=frien(s);

for(int 1:0;i=10;i=1);

for(int 1:0;i=10;i=1);

fri(s(0)==0);

friag=0;

break;

if(s(1)<'0';|s(1)<'0';|s(1)>'0');

friag=0;

oreak;

}

slue
friag=0;

fr(friag=1);

printf("YEE\n");

else
                                                     )
else
printf("NO\n");
```

	Input	Expected	Got	
4	3 123-06769 6123-0678 6123-06.60		10 10 AS2	~