

	Input	Expected	Got	
~	abaca cdbda	YES	YES	~
Passe	ed all test	ts! ✓		

Question 2 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. Correct Marked out of 1.00 You have to print the length of Manny's password and it's middle character. F Flag question 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 N lines contains a single word, its length being an odd number greater than 2 and lesser than 14. All characters are lowercase letters of the English alphabet. OUTPUT 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 Answer: (penalty regime: 0 %)

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Answer: (penalty regime: 0 %)

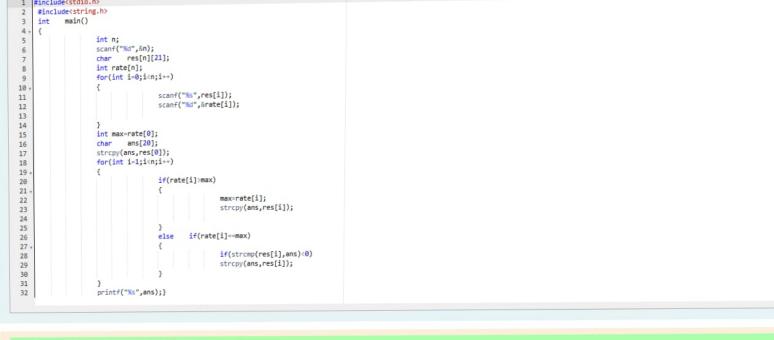
```
#include<stdio.h>
      #include(string.h>
      int main()
                    int n.flag=0;
                    char temp;
                    scanf("%d",&n);
                    char words[n][14];
 9
                    for(int i=0;i<n;i++)
                    scanf("%s",words[i]);
10
11
                    char reverse[14];
                    for(int i=0;i<n-1;i++){strcpy(reverse,words[i]);</pre>
12
                                   int size=strlen(reverse);
13
14
15
                                    for(int k=0:k<size/2:k++)
16
                                                   temp=reverse[k];
17
                                                   reverse[k]=reverse[size-k-1];
18
                                                   reverse[size-k-1]=temp;
19
20
21
                                   for(int j=i+1;j<n;j++)
22
23 .
                                                   if(strcmp(reverse,words[j])==0)
24
25 .
                                                                   flag=1;
26
                                                                   break;
27
28
29
                                   if(flag==1)
30
                                   break;
31
32
                    int len=strlen(reverse);
33
                   printf("%d %c ",len,reverse[len/2]);
34
35
                    return 0;}
```

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

Passed all tests! <

Question 3 loey 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 (J. Joey is feeling extremely hungry and wants to eat pizza. But he Correct is confused about the restaurant from where he should order. As always he asks Chandler for help. Marked out of 1.00 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 F" Flag question 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 Joev. separated by a space. Restaurant name has no spaces, all lowercase letters and will not be more than 20 characters. Output: 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** 

**Evolunation** 



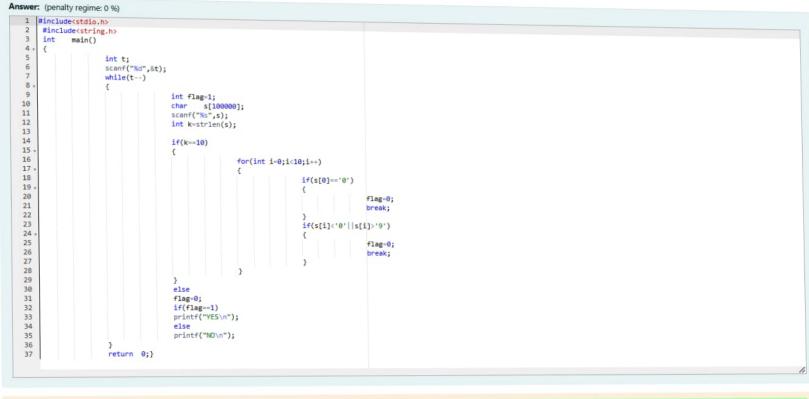
	Input	Expected	Got	
~	3 Pizzeria 108 Dominos 145 Pizzapizza 49	Dominos	Dominos	~

Passed all tests! <

put	Expected	Got	
izzeria 108 ominos 145 izzapizza 49	Dominos	Dominos	~

₹ Flag o	ues

These days Bechan Chacha is depressed because his crush gave him list of mobile number some of them are valid and some of them are invalid. Bechan Chacha has special power that he can pick his crush number only if he has valid set of mobile numbers. Help him to determine the valid numbers. of You are given a string "S" and you have to determine whether it is Valid mobile number or not. Mobile number is valid only if it is of length 10, consists of numeric values and it shouldn't have prefix zeroes. stion Input: First line of input is T representing total number of test cases. Next T line each representing "S" as described in in problem statement. Output: Print "YES" if it is valid mobile number else print "NO". Note: Quotes are for clarity. Constraints: 1<= T <= 103 sum of string length <= 105 SAMPLE INPUT 1234567890 0123456789 0123456.87 SAMPLE OUTPUT YES NO NO



	Input	Expected	Go
~	3	YES	YES
	1234567890	NO:	NO
	0123456789	NO	NO
	0123456.87		

Passed all tests! ✓