REC-CIS GE23131-Programming Using C-2024 Quiz navigation Show one page at a time Finish review

Question **2** Correct Marked out of 1.00 question

Status Finished

Question 1

Marked out of

Correct

1.00

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question

Duration 15 mins 10 secs

times:

Input format

First line: String A

Next line: String **B**

Output format

print **NO**.

Constraints

 $1 \le len(A) \le 1000000$

 $1 \leq len(B) \leq 1000000$

SAMPLE INPUT

SAMPLE OUTPUT

abaca

cdbda

YES

Explanation

next move.

4 ▼ {

6

8

10

11 12

13 14 •

15 16 17

18

19 20

21

22

23 24

25

26 27

28

33

34

35

36

37 38

39

the list.

INPUT

OUTPUT

CONSTRAINTS

SAMPLE INPUT

 $1 \le N \le 100$

4

else

else

flag=0;

if(flag==0)

return 0;

Input Expected Got

Note: The solution will be unique.

of the English alphabet.

password and its central letter.

#include<stdio.h> #include<string.h>

int n,flag=0;

scanf("%d",&n);

char words[n][14];

char reverse[14];

for(int i=0;i<n;i++)</pre> scanf("%s",words[i]);

for(int i=0;i<n-1;i++)</pre>

strcpy(reverse,words[i]);

int size=strlen(reverse);

for(int k=0; k<size/2; k++)</pre>

temp=reverse[k];

for(int j=i+1; j<n; j++)</pre>

flag=1;

printf("%d %c ",len,reverse[len/2]);

break;

int len=strlen(reverse);

3 b

/

reverse[k]=reverse[size-k-1];

if(strcmp(reverse,words[j])==0)

reverse[size-k-1]=temp;

char temp;

if(flag==1)

return 0;

Input Expected Got

3 b

abc def feg cba

break;

int main()

{

YES

/

Danny has a possible list of passwords of Manny's facebook account. All

palindromes. So, his password and reverse of his password both should be in

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

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

The first and only line of output must contain the length of the correct

number greater than 2 and lesser than **14**. All characters are lowercase letters

passwords length is odd. But Danny knows that Manny is a big fan of

abaca YES

cdbda

Passed all tests! <

printf("NO");

printf("YES");

Answer: (penalty regime: 0 %)

int main()

1 #include<stdio.h>

#include<string.h>

int flag=1;

if(a==b)

scanf("%s",str1); scanf("%s",str2);

int a=strlen(str1); int b=strlen(str2);

Started Sunday, 12 January 2025, 9:38 PM

Two strings **A** and **B** comprising of lower case English letters are compatible if

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.

convert it to yx by increasing the alphabetical value by 1. But if we select the

For each test case, print YES if string A can be converted to string B, otherwise

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

char str1[1000000],str2[1000000];

for(int i=a-1;i>=0;i--)

while(str1[i]!=str2[i])

for(int j=0;j<=i;j++)</pre>

str1[j]++;

else

if(flag==0)

break;

}

if(str1[j]<'z')

flag=0;

break;

For example, if the string is **xyz** and we select the prefix **xy** then we can

prefix xyz then we cannot increase the alphabetical value.

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

they are equal or can be made equal by following this step any number of

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Question **3** Correct Marked out of 1.00 ▼ Flag question Question **4** Correct Marked out of 1.00 ▼ Flag question

abc def feg cba **SAMPLE OUTPUT** 3 b Answer: (penalty regime: 0 %) 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 , 24 25 26 27 28 29 30 31 32 33 34 35 36 **/** Passed all tests! < 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. Input: **Output:** 3 Pizzeria 108 **Dominos** 3 4 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 Input: **Output:** 3 0123456.87 YES NO NO 3 5 8 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

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 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? First line has N, the total number of restaurants. letters and will not be more than 20 characters. Print the name of the restaurant that Joey should choose. **Constraints:** $1 \le N \le 10^5$ $1 <= Points <= 10^6$ SAMPLE INPUT Dominos 145 Pizzapizza 49 **SAMPLE OUTPUT Explanation Dominos** has maximum points. Answer: (penalty regime: 0 %) 1 #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++)</pre> 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]; printf("%s",ans); return 0; Expected Input Dominos Pizzeria 108 Dominos 145 Pizzapizza 49 Passed all tests! < numeric values and it shouldn't have prefix zeroes. Print "YES" if it is valid mobile number else print "NO". Note: Quotes are for clarity. **Constraints:** $1 <= T <= 10^3$ sum of string length <= 10⁵ **SAMPLE INPUT** 1234567890 0123456789 SAMPLE OUTPUT Answer: (penalty regime: 0 %) 1 #include<stdio.h> #include<string.h> int main() 4 ▼ { int t; scanf("%d",&t); while(t--) int flag=1;

scanf("%s",res[i]); scanf("%d",&rate[i]); strcpy(ans,res[i]); else if(rate[i]==max) strcpy(ans,res[i]); Got 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; flag=0; break; else flag=0; if(flag==1) printf("YES\n"); else printf("NO\n"); return 0; **Expected Got** YES YES **✓** 1234567890 N0 N0 0123456789

}

Input

Passed all tests! <

0123456.87

N0

Finish review

Next N lines contain Name of Restaurant and Points awarded by Joey, separated by a space. Restaurant name has **no spaces**, all lowercase if(strcmp(res[i],ans)<0)</pre> Dominos 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. 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 First line of input is T representing total number of test cases. Next T line each representing "S" as described in in problem statement. if(s[i]<'0'||s[i]>'9') N0