



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<string.h>
3 #include<stdbool.h>
4 bool areCompatible(char A[],c
5 {
6     int lenA = strlen(A);
7     int lenB = strlen(B);
8     if(lenA != lenB)
9     {
10         return false;
11     }
12     int diff = B[0] - A[0];
13     if(diff < 0)
14     {
15         return false;
16     }
17     for(int i=0; i<lenA; i++)
18     {
19         if(B[i] - A[i] != dif
20         {
21             return false;
22         }
23     }
24     return true;
25 }
26 int main()
27 {
28     char A[1000],B[1000001];
29     scanf("%s",A);
30     scanf("%s",B);
31     if(!areCompatible(A,B))
32     {
33         printf("YES\n");
34     }
35     else
36     {
37         printf("NO\n");
```



Answer: (penalty regime: 0 %)

```
1 <stdio.h>
2 <string.h>
3 <stdbool.h>
4 Compatible(char A[],char B[])
5
6 lenA = strlen(A);
7 lenB = strlen(B);
8 lenA != lenB
9
10 return false;
11
12 diff = B[0] - A[0];
13 iff < 0)
14
15 return false;
16
17 int i=0; i<lenA; i++)
18
19 if(B[i] - A[i] != diff)
20 {
21     return false;
22 }
23
24 rn true;
25
26 ()
27
28 A[1000],B[1000001];
29 f("%s",A);
30 f("%s",B);
31 areCompatible(A,B))
32
33 printf("YES\n");
34
35
36
```

```
16     }
17     for(int i=0; i<lenA; i++)
18     {
19         if(B[i] - A[i] != diff)
20         {
21             return false;
22         }
23     }
24     return true;
25 }
26 int main()
27 {
28     char A[1000],B[1000001];
29     scanf("%s",A);
30     scanf("%s",B);
31     if(!areCompatible(A,B))
32     {
33         printf("YES\n");
34     }
35     else
36     {
37         printf("NO\n");
38     }
39     return 0;
40 }
```

|   | Input          | Expected | Got |   |
|---|----------------|----------|-----|---|
| ✓ | abaca<br>cdbda | YES      | YES | ✓ |

Your code failed one or more hidden tests.  
Your code must pass all tests to earn any marks. Try again.

```
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     int n;
6     scanf("%d",&n);
7     char passwords[n][15];
8     for(int i=0; i<n; i++)
9     {
10         scanf("%s",passwords[i]);
11     }
12     for(int i=0; i<n; i++)
13     {
14         char reversed[15];
15         strcpy(reversed,passwords[i]);
16         void strrev(reversed)
17         for(int j=0; j<n; j++)
18         {
19             if(strcmp(passwords[i],reversed[j])!=0)
20             {
21                 int length = strlen(reversed);
22                 printf("%d %c",length,reversed[j]);
23                 return 0;
24             }
25         }
26     }
27     return 0;
28 }
```

### Syntax Error(s)

\_\_tester\_\_.c: In function 'main':

\_\_tester\_\_.c:16:9: error: parameter n

16 | void strrev(reversed)

| ^~~~



```
1
2
3
4
5
6
7
8
9
10 [i]);
11
12
13
14
15 words[i]);
16 );
17 )
18
19 ds[j],reversed) == 0)
20
21 strlen(passwords[i]);
22 c\n",length,passwords[i][length
23
24
25
26
27
28
```

### Syntax Error(s)

\_\_tester\_\_.c: In function 'main':

\_\_tester\_\_.c:16:9: error: parameter n

16 | void strrev(reversed)

| ^~~~



```
1 #include<stdio.h>
2 #include<string.h>
3 #define MAX_RESTAURANTS 105
4 #define MAX_NAME_LENGTH 20
5 int main()
6 {
7     int N,i,max_points=0,max_
8     char restaurants[MAX_REST
9     int points[MAX_RESTAURANT
10    scanf("%d",&N);
11    for(i=0; i<N; i++)
12    {
13        scanf("%s %d",restaur
14    }
15    for(i=0; i<N; i++)
16    {
17        if(points[i] > max_po
18        {
19            max_points = poin
20            max_index = i;
21        }
22        else if(points[i] ==
23        {
24            max_index = i;
25        }
26    }
27    printf("%s\n",restaurants
28    return 0;
29 }
```

|   | Input                            | Expected | Got     |
|---|----------------------------------|----------|---------|
| ✓ | 3<br>Pizzeria 108<br>Dominos 145 | Dominos  | Dominos |



```
1
2
3
4
5
6
7 0;
8 s][MAX_NAME_LENGTH + 1];
9
10
11
12
13 ],&points[i]);
14
15
16
17
18
19
20
21
22 ints && strcmp(restaurants[i],
23
24
25
26
27 ndex]);
28
29
```

|   | Input                            | Expected | Got     |
|---|----------------------------------|----------|---------|
| ✓ | 3<br>Pizzeria 108<br>Dominos 145 | Dominos  | Dominos |



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

```
1  #include<stdio.h>
2  #include<string.h>
3  int main()
4  {
5      int T;
6      scanf("%d",&T);
7      while(T--)
8      {
9          char s[11];
10         scanf("%s",s);
11         int len = strlen(s);
12         if(len == 10)
13         {
14             int i;
15             for(i=0; i<len; i++)
16             {
17                 if(s[i] < '0')
18                 {
19                     break;
20                 }
21             }
22             if(i==len && s[0]
23             {
24                 printf("YES\n");
25             }
26             else
27             {
28                 printf("NO\n");
29             }
30         }
31     }
32     return 0;
33 }
```



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

```
1  h>
2  .h>
3
4
5
6  &T);
7
8
9  11];
10 %s",s);
11  = strlen(s);
12 == 10)
13
14  i;
15 (i=0; i<len; i++)
16
17  if(s[i] < '0' || s[i] > '9')
18  {
19      break;
20  }
21
22 i==len && s[0] != '0')
23
24  printf("YES\n");
25
26 e
27
28  printf("NO\n");
29
30
31
32
33
```

```

10 printf("%s", s);
11 len = strlen(s);
12 if (len == 10)
13     return 1;
14 int i;
15 for (i=0; i<len; i++)
16     if (s[i] < '0' || s[i] > '9')
17     {
18         break;
19     }
20 if (i == len && s[0] != '0')
21     return 1;
22 printf("YES\n");
23
24
25
26
27
28 printf("NO\n");
29
30
31
32
33

```

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

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