

Question 1

Correct

Marked out of 10.00

Given a number N, the program must print if N is a step number or not. (A step number is a number which has a digit which is either 1 more or 1 less than the previous digit).

Input Format:

The first line contains N.

Output Format:

The first line contains yes or no

Boundary Conditions:

10 <= N <= 99999999

Example Input/Output 1:

Input:

1212343

Output:

yes

Example Input/Output 2:

Input:

342345

Output:

no

Explanation:

The difference between 2 and 4 is NOT 1.

For example:

Input	Result
1212343	yes
342345	no

Answer: (penalty regime: 0 %)

```
1 a=input()
2 c=True
3 for i in range(len(a) - 1):
4     if abs(int(a[i]) - int(a[i+1])) !=1:
5         c=False
6 print("yes" if c else "no")
```

	Input	Expected	Got	
✓	1212343	yes	yes	✓
✓	342345	no	no	✓

Passed all tests! ✓