All Contests > Apr 2021 : CCC SRM KTR : CPS01 : Python Practice > Make Palindrome By Reversing

Make Palindrome By Reversing

Problem

Submissions

Write a code that does the following:

```
iterations = 0
number = input()
while iterations < 5:
    number = number + number.reverse()
    if number is palindrome :
        print number
        print "YES"
    iterations++;
print "NO"</pre>
```

Input Format

One number N.

Solved: 716 Attempted: 722

Constraints

1 <= N <= 10^5

Output Format

One number, the final palindrome if possible then YES. If not possible then only a NO.

Sample Input 0

```
32
```

Sample Output 0

```
55
YES
```

Explanation 0

32 + 23 = 55 which is a palindrome

Sample Input 1

39

Sample Output 1

363 YES

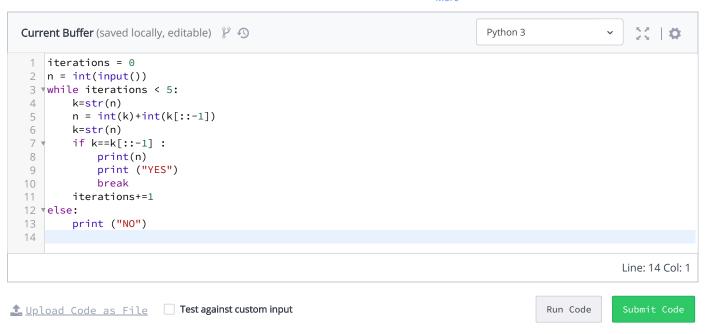
Explanation 1

39 + 93 = 132 + 231 = 363 which is a palindrome



Submissions: 596
Max Score: 50

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