MySlate_C_CSP_ZOHO_Level_018

Given a number, reverse it and add it to itself unless it becomes a palindrome or the the count becomes 5 times. If it becomes a palindrome then print that palindrome number, otherwise print -1

Ex: 23 32 => 55

Input Format

Input contains the number

Constraints

$1 \le N \le 1000$

Output Format

print the palindrome number or -1

Sample Input 0

```
23
```

Sample Output 0

```
55
```