ZOHO_Level3_020

Given an even number (greater than 2), return two prime numbers whose sum will be equal to given number. There are several combinations possible. Print only first such pair. i/p: 1024 o/p: 3 1021

Input Format

The number would always be an even number.

Constraints

1 ≤ N ≤ 10000

Output Format

print two prime numbers space separated, such that the smaller number appears first

Sample Input 0

```
1024
```

Sample Output 0

```
3 1021
```