

# Primes :)

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## Problem statement

Given a prime number  $n$  find any two such numbers that  $a + b = n$ .

## Input

The prime number  $n$ ,  $2 \leq n \leq 10^{137}$ .

## Output

If there doesn't exist any 2 primes such that their summation is equal to  $n$  then print -1, otherwise print the 2 primes on a single line separated by a space.