

# TWIN PRIMES

Twin Primes are the pair of prime numbers that differ by two. For ex.

3,5

11,13

29,31

(each differ by two)

## Input

First line of input consists of T (number of test cases).

Next T lines contains a single number N (indicating the Nth pair of twin primes).

## Output

For every test case output the pair of Twin Primes in each line separated by a single space.

## Example

**Input:**

3  
1  
7  
11

**Output:**

3 5  
59 61  
137 139

( $T \leq 25, 1 \leq N \leq 10^5$ )

(Try tutorial version (time limit easy) -> <http://www.spoj.com/problems/TWINP2/> )