

## 6929 Sums

Given an integer  $N$ , express it as the sum of at least two consecutive positive integers. For example:

- $10 = 1 + 2 + 3 + 4$
- $24 = 7 + 8 + 9$

If there are multiple solutions, output the one with the smallest possible number of summands.

### Input

The first line of input contains the number of test cases  $T$ . The descriptions of the test cases follow:  
Each test case consists of one line containing an integer  $N$  ( $1 \leq N \leq 10^9$ ).

### Output

For each test case, output a single line containing the equation in the format:

$$N = a + (a + 1) + \dots + b$$

as in the example. If there is no solution, output a single word 'IMPOSSIBLE' instead.

### Sample Input

```
3
8
10
24
```

### Sample Output

```
IMPOSSIBLE
10 = 1 + 2 + 3 + 4
24 = 7 + 8 + 9
```