# Problem C: 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 $N$ ($1 \leqslant N \leqslant 10^9$).

## Output

For each test case, output a single line containing the equation in the format:
`N = a + (a+1) + ... + b`
as in the example. If there is no solution, output a single word `IMPOSSIBLE` instead.

## Example

| For an example input | the correct answer is: |
|---|---|
| 3<br>8<br>10<br>24 | IMPOSSIBLE<br>10 = 1 + 2 + 3 + 4<br>24 = 7 + 8 + 9 |