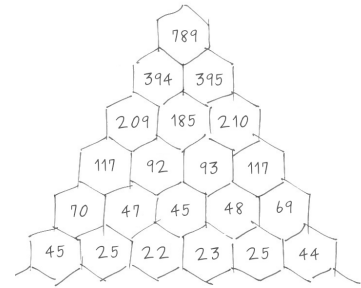# Problem I
## Integral Pyramid



Pascal's triangle is a marvel of the combinatorical world, and what's more you can easily build one for yourself at home.

The lowest row has $n$ numbers. The next row is staggered and has $n - 1$ numbers, where the $i$th is the sum of the $i$th and the $i + 1$th on the previous row.

You can choose any positive integers for the lowest row, but the single cell on the top row needs to be equal to a given $x$. Is this possible?

## Input

- The only line contains the number of rows, $n$ ($1 \le n \le 20$), and the value needed at the top, $x$ ($1 \le x \le 10^9$).

## Output

If a pyramid can be constructed, output all of the numbers on each row, starting from the top. Every number must be greater than or equal to $1$.

Otherwise, output `impossible`.

### Sample Input 1

```
3 15
```

### Sample Output 1

```
15
8 7
3 5 2
```

### Sample Input 2

```
6 789
```

### Sample Output 2

```
789
394 395
209 185 210
117 92 93 117
70 47 45 48 69
45 25 22 23 25 44
```

### Sample Input 3

```
20 1
```

### Sample Output 3

```
impossible
```

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