# **Number Triangles**

## THE CHALLENGE

Write a function that stacks successively longer lists of integers on top of each other.

#### What Your Function Should Do

Write a function NumberTriangle that takes a positive integer n as an input and outputs a column of successively longer lists of consecutive integers up to n. Wrap your answer in Column.

#### NumberTriangle[5]

```
{1}
{1, 2}
Out[] = {1, 2, 3}
{1, 2, 3, 4}
{1, 2, 3, 4, 5}
```

#### NumberTriangle[8]

### **More Examples**

Your answer should be a column of lists.

```
NumberTriangle[3] // InputForm
Out[3] = Column[{{1}, {1, 2}, {1, 2, 3}}]
```

SCRATCH AREA

```
Column[Table[Range[x], \{x, 1, 5, 1\}]]
     1}
     \{1, 2\}
Out[\circ]= \{1, 2, 3\}
    {1, 2, 3, 4}
     {1, 2, 3, 4, 5}
```

## **ENTER YOUR CODE HERE**

```
NumberTriangle[n_Integer?Positive] :=
 Column[Table[Range[x], {x, 1, n, 1}]]
```

Submit