Given a positive number, print following a pattern without using any loop.

**Input:**n = 16

**Output:** 16, 11, 6, 1, -4, 1, 6, 11, 16 (has no space at the end)

**Input:** n = 10

**Output:** 10, 5, 0, 5, 10 (has no space at the end)

We basically first reduce 5 one by one until we reach a negative or 0. After we reach 0 or negative, we one add 5 until we reach n.

**Note:** Please note that you can't using key work for, while, goto (even in variable names, comment).

You can implement other recursive functions if needed.

For this exercise, we have #include <iostream> and using namespace std;

**For example:**

| **Test** | **Result** |
| --- | --- |
| printPattern(16); | 16 11 6 1 -4 1 6 11 16 |
| printPattern(10); | 10 5 0 5 10 |