**Pascal's Triangle**

**Due: 2020/6/15**

**Problem**

      Input an integer N, print out the [Pascal's Triangle](https://elearn2.fju.edu.tw/course/170193/learning-activity) of N.

**Requirement**

     You have to use Java 8 Stream in your program and you can not use external iteration.  Don't compute C(m, n) directly in your program.

**Hint:**

     1 -> 1 1 -> 1 2 1 -> 1 3 3 1

   Example: using Deque<E> for a  list of {1, 2, 1}

            a list of { 1, 2, 1} ==>  L1: {0, 1, 2, 1} and

                                              L2: {1,  2, 1, 0}

        L1 + L2 = { 1, 3, 3, 1}

          a list of  { 1, 3, 3, 1}  => L1: {0, 1, 3, 3, 1} and l L2: { 1, 3, 3, 1, 0}

        L1 + L2 = { 1, 4, 6, 4, 1}

    .....

**Input**

     There many test cases,  each case has one integer N.

**Output**

      For each integer N, print out the Pascal's Triangle of N.

**Sample Input                  Sample Output**

| **2 3 4** | **N = 2    1  1  1 1 2  1  N = 3     1   1  1  1 2  1 1 3 3 1  N = 4      1    1  1   1 2  1  1 3 3 1 1 4 6 4 1** |
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