Question: [Pascal triangle with linked list]

Content:
The elements of a Pascal triangle are the sum of corresponding elements from the previous line. Please construct a Pascal triangle **with linked list**.。

Input:
We will give you a number **N** as an input.

Output:
   Your program has to output a **N-level Pascal triangle** and the **maximum value** of the **Nth-level**.
Besides the '1' element, all the left element has to be calculatedly get.
Each number has to be separated by a space.

Sample Input:
5

Sample Output:
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
6