G. Floyd's Triangle

Floyd's triangle is a right-angled triangular array of natural numbers, used in computer science education. It is named after Robert Floyd, who was an eminent computer scientist.

It is defined by filling the rows of the triangle with consecutive numbers, starting with a 1 at the top left corner:

```
1
2 3
4 5 6
7 8 9 10
```

Write a program to print the Floyd's triangle and reverse Floyd's triangle by taking the number of rows as input.

For example, the input is 3. The output should be

```
1
2 3
4 5 6
6 5 4
3 2
1
```

Input

The first input is the number of test cases (n), followed by the number of rows for the first top triangle.

Output

Display the combined Floyd's triangle and reverse Floyd's triangle. See example below:

Sample Input / Output

Input	Output
1 2	1 2 3 3 2 1