import java.util.Scanner;

// Solution6 program to print the pattern for given size

// Additionally input has been taken from user

public class Solution6 {

public static void main(String[] args) {

// input from user to get size of pattern to print

Scanner scanner = new Scanner(System.*in*);

System.*out*.print("Enter the size of the pattern: ");

int n = scanner.nextInt();

// Loop for printing given pattern size

for (int i = 0; i < n; i++) {

for (int j = 0; j < n; j++) {

if (j <= i) {

System.*out*.print((n - j) + " ");

} else {

System.*out*.print((n - i) + " ");

}

}

// print new line after a row completion

System.*out*.println();

}

}

}

OUTPUT:

(1)

Enter the size of the pattern: 5

5 5 5 5 5

5 4 4 4 4

5 4 3 3 3

5 4 3 2 2

5 4 3 2 1

(2)

Enter the size of the pattern: 4

4 4 4 4

4 3 3 3

4 3 2 2

4 3 2 1