Write a program to print the below pattern

1

2 2

3 3 3

4 4 4 4

3 3 3

2 2

1

CODE:

public class Pattern3 {

public static void main(String[] args) {

int n = 4;

// Print upper half of the pattern

for (int i = 1; i <= n; i++) {

for (int j = 1; j <= i; j++) {

if (j == 1)

System.out.print(i + " ");

else

System.out.print(" " + i + " ");

}

System.out.println();

}

// Print lower half of the pattern

for (int i = n - 1; i >= 1; i--) {

for (int j = 1; j <= i; j++) {

if (j == 1)

System.out.print(i + " ");

else

System.out.print(" " + i + " ");

}

System.out.println();

}

}

}

OUTPUT:

C:\javap>javac Pattern3.java

C:\javap>java Pattern3

1

2 2

3 3 3

4 4 4 4

3 3 3

2 2

1

