Write a program to print the below pattern

1

4 4

9 9 9

16 16 16 16

CODE:

public class Pattern2 {

public static void main(String[] args) {

int rows = 4;

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

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

int num = i \* i;

System.out.print(num);

// Adjust spacing based on the length of the largest number

int spaceCount = String.valueOf(rows \* rows).length() - String.valueOf(num).length();

for (int k = 0; k < spaceCount; k++) {

System.out.print(" ");

}

// Add extra space for even numbers to maintain alignment

if (num % 2 == 0 && j < i) {

System.out.print(" ");

}

}

System.out.println();

}

}

}

OUTPUT:

C:\javap>javac Pattern2.java

C:\javap>java Pattern2

1

4 4

9 9 9

16 16 16 16

