**Java program to print Floyd’s triangle**

This program will prompt user for number of rows and based on the input, it would print the [Floyd’s triangle](http://en.wikipedia.org/wiki/Floyd%27s_triangle) having the same number of rows.

/\* Program: It Prints Floyd's triangle based on user inputs

\* Input: Number of rows

\* output: floyd's triangle\*/

import java.util.Scanner;

class FloydTriangleExample

{

public static void main(String args[])

{

int rows, number = 1, counter, j;

//To get the user's input

Scanner input = new Scanner(System.in);

System.out.println("Enter the number of rows for floyd's triangle:");

//Copying user input into an integer variable named rows

rows = input.nextInt();

System.out.println("Floyd's triangle");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

for ( counter = 1 ; counter <= rows ; counter++ )

{

for ( j = 1 ; j <= counter ; j++ )

{

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

//Incrementing the number value

number++;

}

//For new line

System.out.println();

}

}

}

Output:

Enter the number of rows for floyd's triangle:

6

Floyd's triangle

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

16 17 18 19 20 21