Java program to print Floyd's triangle – Example

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Example Program:

This program will prompt user for number of rows and based on the input, it would print the Floyd's triangle having the same number of rows.

```java
/* Program: It Prints Floyd's triangle based on user inputs
 * Written by: Chaitanya from beginnersbook.com
 * 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
```