DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/06/2020	Name:	Mithun Kumar D
Sem & Sec	VIII Semester & A section	USN:	4AL16CS053

Online Test Summary

Subject	No test		
Max. Marks	-	Score	-

Certification Course Summary

Course	Introduction to R language tutorial.		
Certificate Provider	Great learning Academy	Duration	3 hours

Coding Challenges

Problem Statement: Prints Floyd's triangle based on user inputs.

Status: COMPLETED

Uploaded the report in Github	YES
If yes Repository name	mkd18
Uploaded the report in slack	YES

Certification Course Details:

Coding Challenges Details:

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
* 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
```