

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	11/06/2020	<b>Name:</b>	Prathiksha
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem & B sec	<b>USN:</b>	4AL16CS070
<b>Online Test Summary</b>			
<b>Subject</b>	System Modeling and Simulation(SMS)		
<b>Max. Marks</b>	60	<b>Score</b>	60
<b>Certification Course Summary</b>			
<b>Course</b>	Artificial Intelligence in Python		
<b>Certificate Provider</b>	Great Learning Academy	<b>Duration</b>	7hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Rhombus Pattern Program in java.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Prathiksha	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

The screenshot shows a Gmail interface with a sidebar on the left containing 'Compose', 'Inbox' (7), 'Starred', 'Snoozed', 'Sent', 'Drafts' (23), and 'More'. The main area displays an email from 'TechGig' (user@techgig.com) with the subject 'Prathiksha ., Round 1 cleared'. The email content includes a congratulatory message, a score of 60/60 in SMS\_VII, and a 'View Achievement' button. Below this, it says 'About The Assessment' for 'SMS\_VII' which ends on 11 Jun, 2020 (1 Hour). The email is signed 'Warm Regards, TechGig Team'.

## Certification Course Details:

The screenshot shows the Great Learning website with the course 'Artificial Intelligence in Python' selected. The course is marked as 'Course In Progress'. The 'CONTENT' tab is active, showing a list of learning videos:

Video Title	Duration	Status
Agenda	1m	✓
History behind Neural Networks	4m	✓
Relationship between Biological Neuron and Artificial Neuron	11m	✓
Perceptron and Working Mechanism	1h	✓
Architecture of Artificial Neural Network	57m	✓

**Topic :** About Perceptron and its working.

## Coding Challenges Details:

### Program 1:

```
import java.util.Scanner;
public class Main
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        int i, j;
        int n = sc.nextInt();
        System.out.println("Solid Rhombus");
        for(i = 0; i < n; i++)
        {
            for(j = 0; j < n - i; j++)
            {
                System.out.print(" ");
            }
            for(j = 0; j < n; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
        System.out.println("Hollow Rhombus");
        for(i = 0; i < n; i++)
        {
            for(j = 0; j < n - i; j++)
            {
                System.out.print(" ");
            }
            for(j = 0; j < n; j++)
            {
                if(i == 0 || i == n - 1 || j == 0 || j == n - 1)
                    System.out.print("*");
                else
                    System.out.print(" ");
            }
            System.out.println();
        }
    }
}
```