

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	1/06/2020	Name:	Prathiksha
Sem & Sec	8 <sup>th</sup> sem & B sec	USN:	4AL16CS070
<b>Online Test Summary</b>			
Subject	System Modeling and Simulation (SMS)		
Max. Marks	60	Score	60
<b>Certification Course Summary</b>			
Course	Game Development using PyGame		
Certificate Provider	GUVI	Duration	7hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  1. Program to print right angled triangle numbers star pattern in C. 2. Counting the number of upper and lower case letters in python.			
<b>Status:</b> Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Prathiksha	
Uploaded the report in slack		Yes	

## Online Test Details:

SMS 3 - prathiksha1698@gmail.com x Largest Tech Community | Hacka x +

techgig.com/challenge/result/sms-iv-ia/R0RsUDBaNERUZTlaVkiKMHJnTDFCdz09

prathiksha1698@gmail.com Logout

# Test Completed!

You have successfully participated in SMS\_IV Basic Clone at 2020-06-01 09:01:59.

**Rate this Test**  
Your Rating: ★★★★★ Click to Rate

Results Analytics

✓ SMS\_IV IA  
Your Score **60** / 60

Share Your Result

f Facebook t Twitter in LinkedIn

I have scored 60 on the Techgig SMS\_IV IA. Come and participate in this challenge.

Activate Windows  
Go to Settings to activate Windows.

Type here to search

09:33  
01-06-2020

## Certification Course Details:

Welcome to GUVI - prathiksha16 x GUVI | Learn to code in your x +

guvi.in/courses-video?course=pygame\_english

Share

# Event loop

```
graph TD; A[Handle Events] --> B[Update Game State]; B --> C[Draw Screen]; C --> A; D((Game Loop))
```

Handle Events

Update Game State

Draw Screen

Game Loop

GUVI  
tech deserves you

Notes Summary Activity Discussion

Table of content

Ask GUVI

Activate Windows  
Go to Settings to activate Windows.

Type here to search

10:42  
31-05-2020

The screenshot shows a web browser window with the URL `guvi.in/courses-video?course=pygame_english#`. The page displays a video player with a Python script on the left and a game window on the right. The script lists coordinates for a snake game, and the game window shows a snake moving on a grid. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates the time as 09:50 on 01-06-2020.

The screenshot shows the same GUVI course page, but the video player now displays a different Python script for a Pong game. The script includes imports for pygame and sys, and defines a Pong game. The game window shows a ball and a paddle on a black background. The browser's taskbar and system tray are identical to the previous screenshot, showing the time as 09:55 on 01-06-2020.

**Topic :** . To develop a snake and Pong game in python.

## **Coding Challenges Details:**

### Program 1:

C program to print right angled triangle numbers star pattern

```
int main()
{
    int Rows, i, j;

    printf("Please Enter the Number of Rows: ");
    scanf("%d", &Rows);

    printf("\nPrinting Right Angled Triangle \n \n");
    for ( i = 1 ; i <= Rows; i++ )
    {
        for ( j = 1 ; j <= i; j++ )
        {
            printf("* ");
        }
        printf("\n");
    }
    return 0;
}
```

### Program 2:

```
s = input()
d={"UPPER CASE":0, "LOWER CASE":0}
for c in s:
    if c.isupper():
        d["UPPER CASE"]+=1
    elif c.islower():
        d["LOWER CASE"]+=1
    else:
        pass
print "UPPER CASE", d["UPPER CASE"]
print "LOWER CASE", d["LOWER CASE"]
```