

### **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>26/05/2020</b>	<b>Name:</b>	<b>Sathvik R Shetty</b>
<b>Sem &amp; Sec</b>	<b>6<sup>th</sup> /B</b>	<b>USN:</b>	<b>4AL17CS089</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>CGV IA Test - 2</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>22</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Web Development with Python and JavaScript</b>		
<b>Certificate Provider</b>	<b>Harvard University</b>	<b>Duration</b>	<b>12weeks</b>
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  1. Python Program to read a number n and print the number of digits in it.  2. This is a Python Program to read a number n and print and compute the series "1+2+...+n=". Problem Description The program takes a number n and prints and computes the series "1+2+...+n=".			
<b>Status: Completed</b>			
<b>Uploaded the report in GitHub</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<a href="https://github.com/sathvikshetty22/Online-Coding">https://github.com/sathvikshetty22/Online-Coding</a>	
<b>Uploaded the report in slack</b>		<b>Yes</b>	

## Online Test Details

CGV TEST-2 Details:

# Test Completed!

You have successfully participated in Computer Graphics and Visualization Test-2.

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

ResultsAnalytics

✓ MCQ

Your Score **22** / 30

## Online Certification Details

### Lessons

- Front Ends

The screenshot shows the Atom code editor with a dark theme. The file being edited is 'draw2.js' located at '~/web/src'. The code is as follows:

```
48     const color = document.querySelector('#color-picker').value;
49     const thickness = document.querySelector('#thickness-picker').value;
50
51     if (connect) {
52         const last_point = points[points.length - 1];
53         const line = svg.append('line')
54             .attr('x1', last_point.attr('cx'))
55             .attr('y1', last_point.attr('cy'))
56             .attr('x2', x)
57             .attr('y2', y)
58             .attr('stroke-width', thickness * 2)
59             .style('stroke', color);
60         lines.push(line);
61     }
62
```

The status bar at the bottom indicates the current position is line 55, column 63 (2, 90). The editor is set to LF line endings, UTF-8 encoding, and JavaScript language. The playback controls at the very bottom show a video player at 1:45:02 / 1:47:03 with a speed of 1.50x.

## Coding Challenge Details

1. Python Program to read a number n and print the number of digits in it.

```
1 a = int(input("Enter the number\n"))
2 c = 0
3 while(a>0):
4     a = a//10
5     c = c+1
6 print("The number of digits = ", c)
```

× Terminal

Enter the number  
123  
The number of digits = 3  
Process finished.

2. This is a Python Program to read a number n and print and compute the series “1+2+...+n=”.

### Problem Description

The program takes a number n and prints and computes the series “1+2+...+n=”.

```
1 n = int(input("Enter the number\n"))
2 series_sum = []
3 for i in range(1,n+1):
4     series_sum.append(i)
5     if(i==n):
6         print(i,end="")
7     else:
8         print(i,end="+")
9 print("=",sum(series_sum))
```

× Terminal

Enter the number  
5  
1+2+3+4+5= 15  
Process finished.