

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/06/2020	Name:	Chethana j
Sem & Sec	6 <sup>th</sup> A	USN:	4al17cs022
<b>Online Test Summary</b>			
Subject	No test		
Max. Marks	30	Score	
<b>Certification Course Summary</b>			
Course	CYBER SECURTIY		
Certificate Provider	Great Learning	Duration	6hrs.
<b>Coding Challenges</b>			
<b>Problem Statement:</b>			
1. Python Program to Remove the Characters of Odd Index Values in a String.			
2. Python Program for cube sum of first n natural numbers.			
<b>Status: Completed</b>			
Uploaded the report in Github		yes	
If yes Repository name		<a href="https://github.com/Jchethana1990/online-course">https://github.com/Jchethana1990/online-course</a>	
Uploaded the report in slack		yes	

### **Online Test Details:**

## Certification Course Details:

TOPICE I COVERED:

### 1. Secure system design

The screenshot shows a web browser displaying the 'Secure System Design' course page on the Great Learning platform. The page has a navigation bar with 'Home', 'Live Sessions', and 'Certificates'. A sidebar on the left lists the course content, including 'Learning Videos' (Blockchain in Cybersecurity, Career and Industry Landscape, Governance and Risk, Introduction to Cryptography, Secure System Design, Threats and Vulnerabilities, What Is Cybersecurity) and 'Quiz'. The main content area is titled 'Secure System Design' and features a slide titled 'Security goals and its implementation'. The slide lists two goals: Confidentiality (protecting information from unauthorized access) and Accountability (specific responsibilities for information assurance). A diagram illustrates Confidentiality with an 'Authorized Individual/System' (green checkmark) and an 'Unauthorized Individual/System' (red X) both attempting to access 'Sensitive Classified Information'.

## Coding Challenges Details:

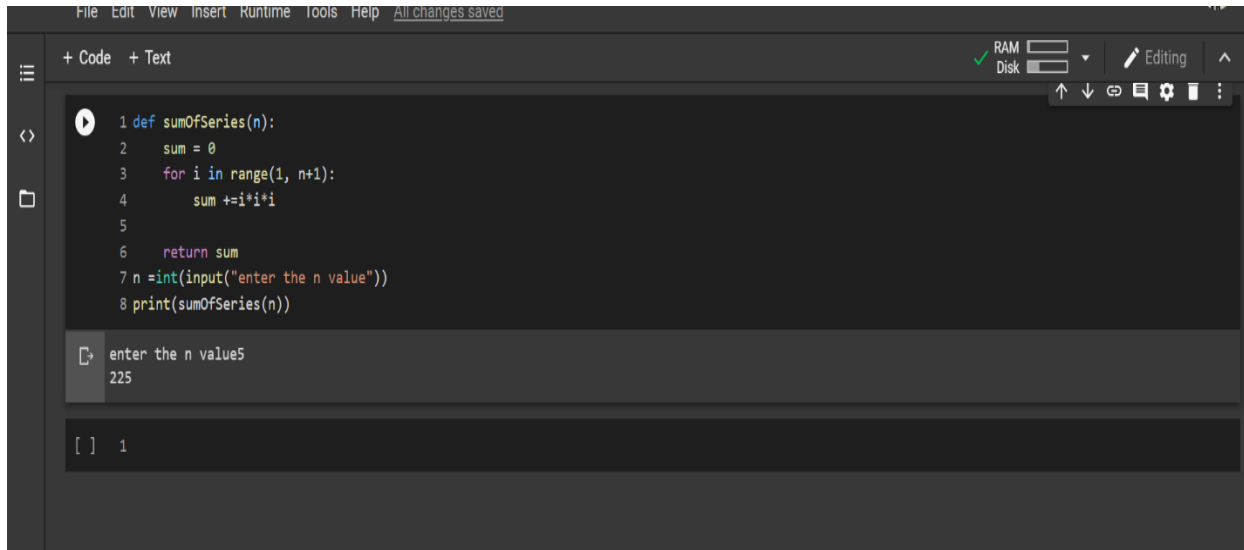
**Program1:** Python Program to Remove the Characters of Odd Index Values in a String.

The screenshot shows a Python code editor with a dark theme. The code defines a function 'odd(str)' that iterates over the string and builds a new string with characters at even indices. The main program prompts the user to 'enter the string' and prints the result of the 'odd' function.

```
1 def odd(str):
2     result = ""
3     for i in range(len(str)):
4         if i % 2 == 0:
5             result = result + str[i]
6     return result
7 s=str(input("enter the string"))
8 print(odd(s))
```

Below the code, the input 'enter the stringPython' is shown, and the output 'Pto' is displayed.

**Program2:** Python Program for cube sum of first n natural numbers.



```
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1 def sumOfSeries(n):
2     sum = 0
3     for i in range(1, n+1):
4         sum +=i*i*i
5
6     return sum
7 n =int(input("enter the n value"))
8 print(sumOfSeries(n))

enter the n value5
225

[ ] 1
```