**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **12/07/2020** | | | | | **Name:** | **Spoorthy Balaji** | |
| **Sem & Sec** | **6th & B** | | | | | **USN:** | **4al17cs098** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **-** | | | | | | |
| **Max. Marks** | | **-** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **-** | | | | | | | |
| **Certificate Provider** | | | **-** | | **Duration** | | | **-** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement: Python Program for Find sum of odd factors of a number** | | | | | | | | |
| **Status: Solved** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | <https://github.com/spoorthybalaji/Daily_Status> | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

**ONLINE CODING**

**Python Program for Find sum of odd factors of a number**

import math

def sumofoddFactors( n ):

res = 1

while n % 2 == 0:

n = n // 2

for i in range(3, int(math.sqrt(n) + 1)):

count = 0

curr\_sum = 1

curr\_term = 1

while n % i == 0:

count+=1

n = n // i

curr\_term \*= i

curr\_sum += curr\_term

res \*= curr\_sum

if n >= 2:

res \*= (1 + n)

return res

n = 30

print(sumofoddFactors(n))

