**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **07-07-2020** | | | | | **Name:** | **Apoorva K N** | |
| **Sem & Sec** | **6th -A** | | | | | **USN:** | **4AL17CS012** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **CGV** | | | | | | |
| **Max. Marks** | | **30** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** |  | | | | | | | |
| **Certificate Provider** | | |  | | **Duration** | | |  |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:** **Python Program to Find the Sum of Cosine Series** | | | | | | | | |
| **Status: Solved** | | | | | | | | |
| **Uploaded the report in GitHub** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | <https://github.com/Apoorva-K-N/Online-course-2-july-> | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

**ONLINE CODING**

**Python Program to Find the Sum of Cosine Series**

import math

def cosine(x,n):

cosx = 1

sign = -1

for i in range(2, n, 2):

pi=22/7

y=x\*(pi/180)

cosx = cosx + (sign\*(y\*\*i))/math.factorial(i)

sign = -sign

return cosx

x=int(input("Enter the value of x in degrees:"))

n=int(input("Enter the number of terms:"))

print(round(cosine(x,n),2))

