**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **10/07/2020** | | | | | **Name:** | **Apoorva K N** | |
| **Sem & Sec** | **6th Sem & A Sec** | | | | | **USN:** | **4AL17CS012** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **System Software and Compiler Design** | | | | | | |
| **Max. Marks** | | **30** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** |  | | | | | | | |
| **Certificate Provider** | | |  | | **Duration** | | |  |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:**  **Python Program for Efficient program to print all prime factors of a given number** | | | | | | | | |
| **Status: Completed** | | | | | | | | |
| **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 for Efficient program to print all prime factors of a given number.**

**import math**

**def primeFactors(n):**

**while n % 2 == 0:**

**print(2),**

**n = n / 2**

**for i in range(3,int(math.sqrt(n))+1,2):**

**while n % i== 0:**

**print(i),**

**n = n / i**

**if n > 2:**

**print(n)**

**n = 412**

**primeFactors(n)**

