**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **14-07-2020** | | | | **Name:** | | | **RACHANA K N** | |
| **Sem & Sec** | **6th  Sem ‘B’ Sec** | | | | **USN:** | | | **4AL17CS070** | |
| **Online Test Summary** | | | | | | | | | |
| **Subject** | | **-** | | | | | | | |
| **Max. Marks** | | **-** | | | | | **Score** | **-** | |
| **Pre-Placement Training Summary** | | | | | | | | | |
| **Course** |  | | | | | | | | |
| **Faculty** | | |  | | | **Duration** | | |  |
| **Coding Challenges** | | | | | | | | | |
| Problem Statement: 1. Python program to find all possible pairs with given sum | | | | | | | | | |
| **Status: done** | | | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | | | |
| **If yes Repository name** | | | | **DAILY\_STATUS** | | | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | | | |

## Coding Challenge:

# 1. Python program to find all possible pairs with given sum

## def findPairs(lst, K):

## res = []

## while lst:

## num = lst.pop()

## diff = K - num

## if diff in lst:

## res.append((diff, num))

## 

## res.reverse()

## return res

## lst = [1, 5, 3, 7, 9]

## K = 12

## print(findPairs(lst, K))

## output:

## 