**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **3/6/2020** | | | | | **Name:** | **Amogha U** | |
| **Sem & Sec** | **8th Sem** | | | | | **USN:** | **4AL16CS010** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **----** | | | | | | |
| **Max. Marks** | | **----** | | **Score** | | | **----** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Introduction to information security** | | | | | | | |
| **Certificate Provider** | | | **greatlearning** | | **Duration** | | | **5.5hrs** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:**  To print the pattern of the following form containing the numbers Sample Input 0  2  Sample Output 0  222  212  222 | | | | | | | | |
| **Status:COMPLETED** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | **amogha-u** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

A screenshot of a cell phone

Description automatically generated

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

**Program 1:**

Problem Statement:

1) To print the pattern of the following form containing the numbers Sample Input 0

2

Sample Output 0

222

212

222

#include <stdio.h>

int main()

{

int n;

scanf("%d", &n);

int len = n\*2 - 1;

for(int i=0;i<len;i++){

for(int j=0;j<len;j++){

int min = i < j ? i : j;

min = min < len-i ? min : len-i-1; min = min < len-j-1 ? min : len-j-1;

printf("%d ", n-min);

}

printf("\n");

}

return 0;

}