DAILY ONLINE ACTIVITIES SUMMARY

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **11/7/2020** | | | | **Name:** | **Sushmitha Shet** | |
| **Sem & Sec** | **8 B** | | | | **USN:** | **4al16cs110** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **-** | | | | | |
| **Max. Marks** | | **-** | | **Score** | | **-** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Neural networks and Deep learning.** | | | | | | |
| **Certificate Provider** | | | **Coursera** | **Duration** | | | **30 min.** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  Write a c program to find gcd of two numbers using recursion. | | | | | | | |
| **Status:-solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **sushmithashet** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online coding:

Write a c program to perform gcd of two numbers using recursion.

#include<stdio.h>

// declaring the recursive function

int find\_gcd(int , int );

int main()

{

printf("\n\n\t\tStudytonight - Best place to learn\n\n\n");

int a, b, gcd;

printf("\n\nEnter two numbers to find GCD of \n");

scanf("%d%d", &a, &b);

gcd = find\_gcd(a, b);

printf("\n\nGCD of %d and %d is: %d\n\n", a, b, gcd);

printf("\n\n\t\t\tCoding is Fun !\n\n\n");

return 0;

}

// defining the function

int find\_gcd(int x, int y)

{

if(x > y)

find\_gcd(x-y, y);

else if(y > x)

find\_gcd(x, y-x);

else

return x;

}