DAILY ONLINE ACTIVITIES SUMMARY

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **24/6/2020** | | | | **Name:** | **Sushmitha Shet** | |
| **Sem & Sec** | **8 B** | | | | **USN:** | **4al16cs110** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **Not conducted.** | | | | | |
| **Max. Marks** | | **-** | | **Score** | | **-** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Introduction to Information Security.** | | | | | | |
| **Certificate Provider** | | | **Great Learning** | **Duration** | | | **5.5 hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  Write a c++ program to check whether two strings are anagram or not. | | | | | | | |
| **Status:-solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **sushmithashet** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online coding:

#include <bits/stdc++.h>

using namespace std;

int anagram(string s1,string s2){

int array1[26]={0},array2[26]={0};

if(s1.length()!=s2.length())

return 0; //they are not anagrams

//for string1

for(int i=0;s1[i]!='\0';i++){

//storing frequency for each letter in the string

array1[s1[i]-'a']++;

}

//for string2

for(int i=0;s2[i]!='\0';i++){

array2[s2[i]-'a']++;

}

for(int i=0;i<26;i++){

if(array1[i]!=array2[i])

return 0;

}

return 1;

}

int main()

{

int n;

string s1,s2;

cout<<"enter string1\n";

cin>>s1;

cout<<"enter string2\n";

cin>>s2;

if(anagram(s1,s2))

printf("strings are anagrams of each other\n");

else

printf("strings are not anagrams of each other\n");

return 0;

}