

## DAILY ONLINE ACTIVITIES SUMMARY

|                                                                                                                                                                                                             |                                                    |                                                                                                                                                                 |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Date:                                                                                                                                                                                                       | 18/05/2020                                         | Name:                                                                                                                                                           | Shraddha Acharya |
| Sem & Sec                                                                                                                                                                                                   | 4th sem,B sec                                      | USN:                                                                                                                                                            | 4al18cs079       |
| <b>Online Test Summary</b>                                                                                                                                                                                  |                                                    |                                                                                                                                                                 |                  |
| Subject                                                                                                                                                                                                     | complex Analysis,Probability theory and Statistics |                                                                                                                                                                 |                  |
| Max. Marks                                                                                                                                                                                                  | 30                                                 | Score                                                                                                                                                           | NA               |
| <b>Certification Course Summary</b>                                                                                                                                                                         |                                                    |                                                                                                                                                                 |                  |
| Course                                                                                                                                                                                                      | Python for Machine Learning                        |                                                                                                                                                                 |                  |
| Certificate Provider                                                                                                                                                                                        | Great Learning Academy                             | Duration                                                                                                                                                        | 5 hrs            |
| <b>Coding Challenges</b>                                                                                                                                                                                    |                                                    |                                                                                                                                                                 |                  |
| <b>Problem Statement:</b> An Anagram of a string is another string that contains same characters, only the order of characters can be different.<br>For example, "act" and "cat" are anagram of each other. |                                                    |                                                                                                                                                                 |                  |
| <b>Status:</b> Done                                                                                                                                                                                         |                                                    |                                                                                                                                                                 |                  |
| Uploaded the report in Github                                                                                                                                                                               |                                                    | Yes                                                                                                                                                             |                  |
| If yes Repository name                                                                                                                                                                                      |                                                    | <a href="https://github.com/shraddhaacharya/lockdown-coding/blob/master/anagram.c">https://github.com/shraddhaacharya/lockdown-coding/blob/master/anagram.c</a> |                  |
| Uploaded the report in slack                                                                                                                                                                                |                                                    | Yes                                                                                                                                                             |                  |

**Online Test Details:** Online test of Maths was Conducted from 9:30 am to 10:000am.There were 30 Questions each carrying 1 mark.Marks are not yet allocated.

**Certification Course Details: Today, I started Python in machine Learning course provided by Great Learning academy. The first part tells us about the Introduction to Python where I learnt about what is Python and some of the IDEs of Python and the installation of Anaconda and Jupyter Notebook where we code our Python language.**

### **Snapshot:**

The screenshot displays the Great Learning course interface. On the left, a sidebar lists the course content, including 'Python for Machine Learning - Overview', 'Course Overview', 'Introduction to Python', 'Why Python, Python vs R, Python IDEs-2', 'Anaconda Installation, Intro to Jupyter Notebook-2', 'Jupyter Notebook Shortcuts-2', 'Data Structure hands-on' (highlighted), 'Practice Exercise 1.ipynb', 'Practice Exercise - Basics.ipynb', 'Conditional Statement', and 'Loops'. The main area shows the 'Data Structure hands-on' module, which includes a Jupyter Notebook interface. The notebook contains the following code:

```
More on lists
In [ ]: mylist = ['Bangalore', 'Delhi', 'Chennai', 2000, 3400.56, "Cool"]
        len(mylist) # returns the length of the list

Removing items from a list
An object can be removed from a list by using del(), remove(), pop() function.

In [ ]: del(mylist[5])
        print(mylist)

In [ ]: newlist = ["Hello", 2, 3, 2, 'world', 2]
        newlist.remove(2)
        print(newlist)

Note: Only the first matching entry is removed

In [ ]: ll = [1, 2, 3, 4]
        ll.pop(2) # here the argument refers to the positional value
        print(ll)
```

Below the code, there is a rating section: 'How would you rate this video' with five stars.

**Coding Challenges Details: I have done one of the problem Statement.**

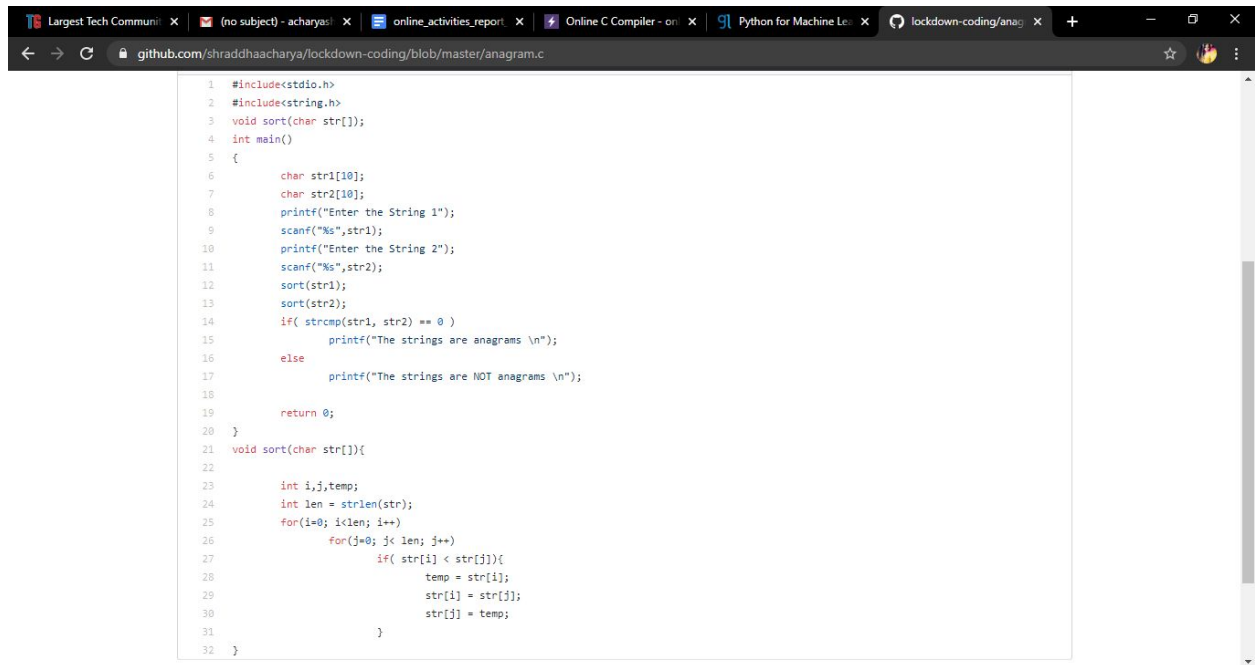
### **Problem Statement:**

An Anagram of a string is another string that contains the same characters, only the order of characters can be different.

For example, "act" and "cat" are anagram of each other.

## Solution:Uploaded in Github

### Snapshot:



```
1 #include<stdio.h>
2 #include<string.h>
3 void sort(char str[]);
4 int main()
5 {
6     char str1[10];
7     char str2[10];
8     printf("Enter the String 1");
9     scanf("%s",str1);
10    printf("Enter the String 2");
11    scanf("%s",str2);
12    sort(str1);
13    sort(str2);
14    if( strcmp(str1, str2) == 0 )
15        printf("The strings are anagrams \n");
16    else
17        printf("The strings are NOT anagrams \n");
18
19    return 0;
20 }
21 void sort(char str[]){
22
23     int i,j,temp;
24     int len = strlen(str);
25     for(i=0; i<len; i++)
26         for(j=0; j< len; j++){
27             if( str[i] < str[j]){
28                 temp = str[i];
29                 str[i] = str[j];
30                 str[j] = temp;
31             }
32 }
```