DAILY ONLINE ACTIVITIES SUMMARY

Date:	29-05-2020	Name:		Pruthvi b c
Sem &	6th - B	USN:		4AL17CS123

Online Test Summary			

Subject	OR test-2		
Max. Mark	30	Score		30

Certification Course Summary

Course	Machine learning with python		
Certificate Provider	Great learning	Duration		5hrs

Coding Challenges		

Problem Statement: 2 java , 2 Python and 1 java program.

Status: executed

Uploaded the	Yes
If yes Repository	https://github.com/Pruthvi-au/reddy
Uploaded the	Yes

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

 IA of OR

Test Completed!

You have successfully participated in Operation Research.

Rate this Test

Your Rating: ★★★★★ ‹ Click to Rate
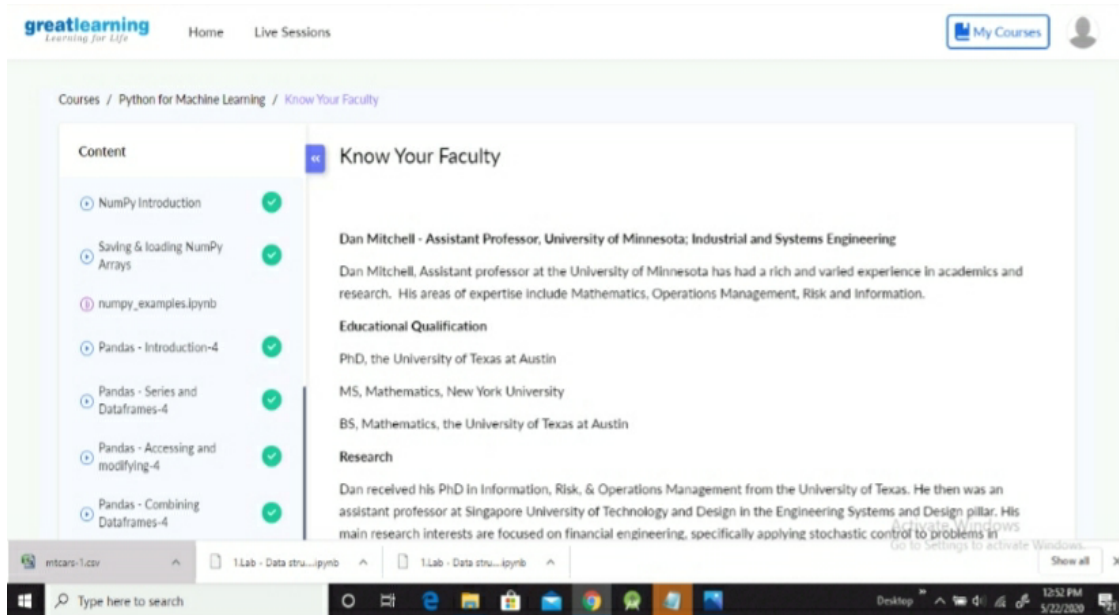
Results   Analytics

✓ r1

Your Score

30 / 30
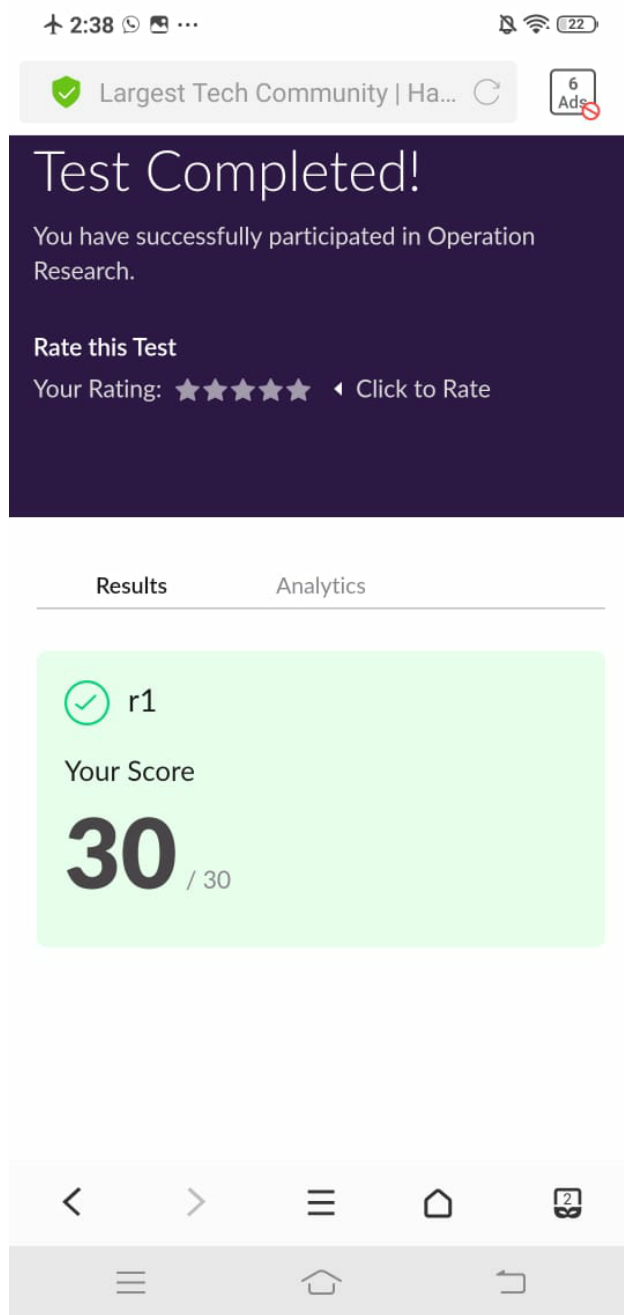
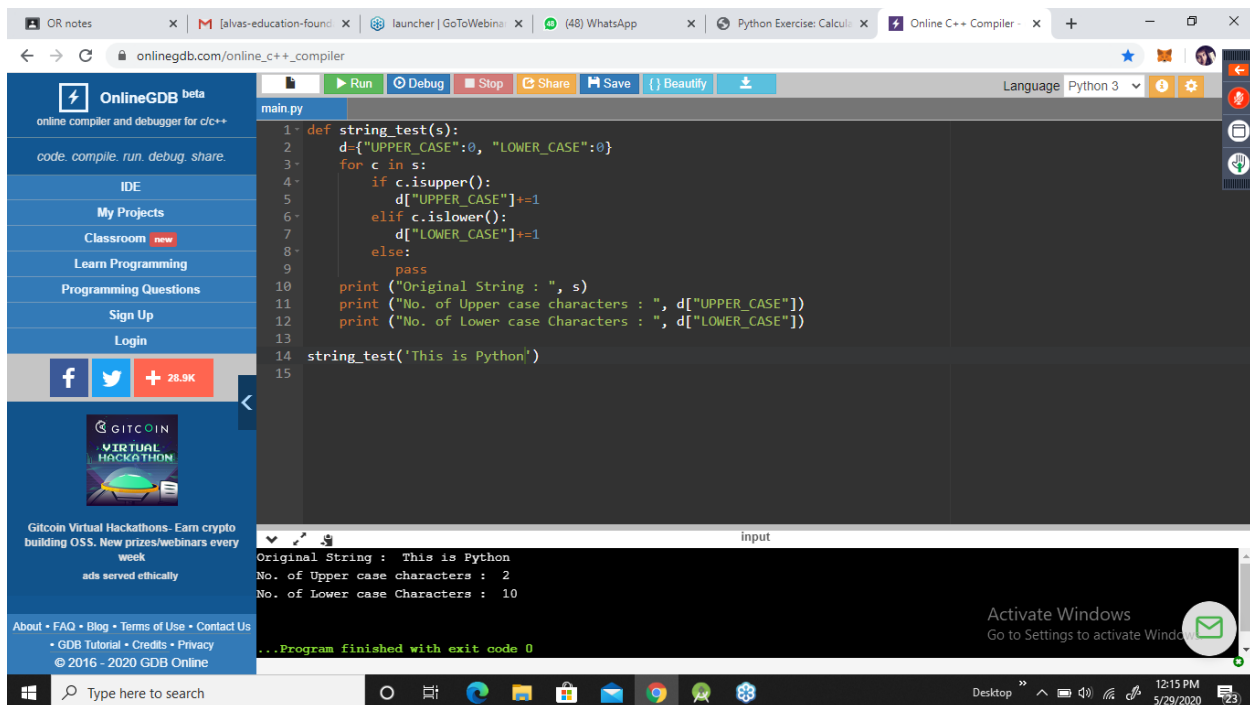Certification Course Details: (Attach the snapshot and briefly write the report for the same)

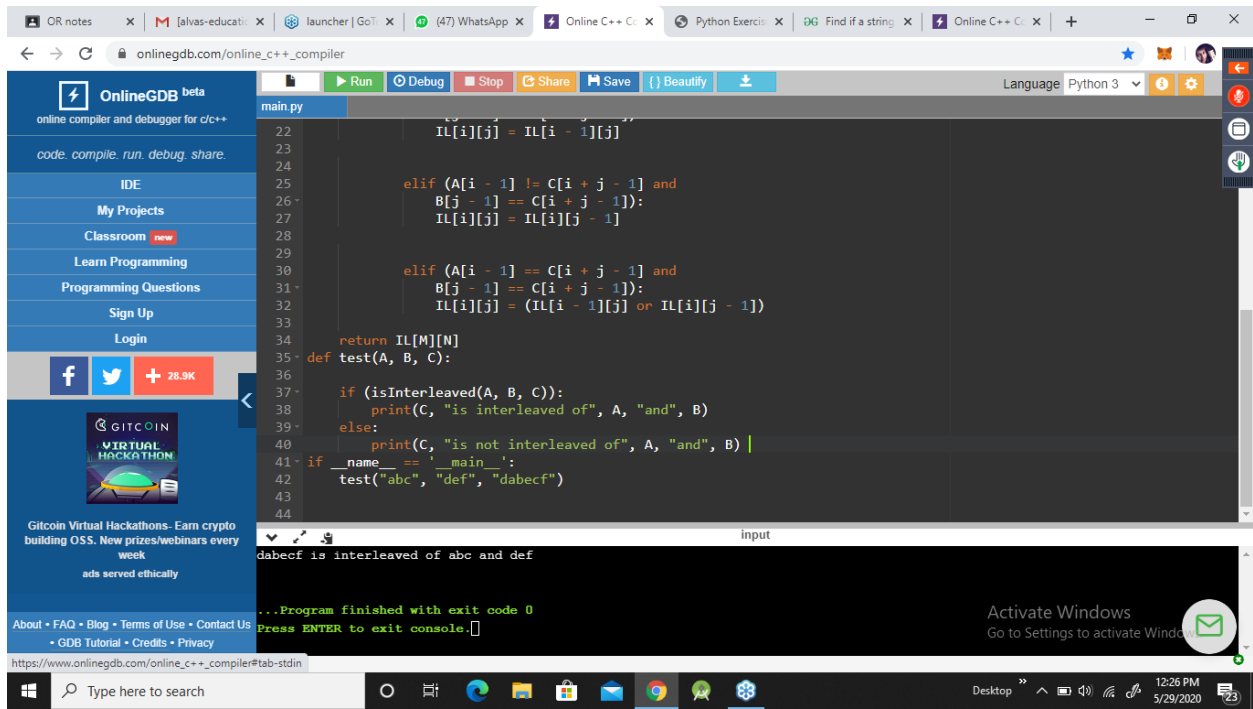## Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)
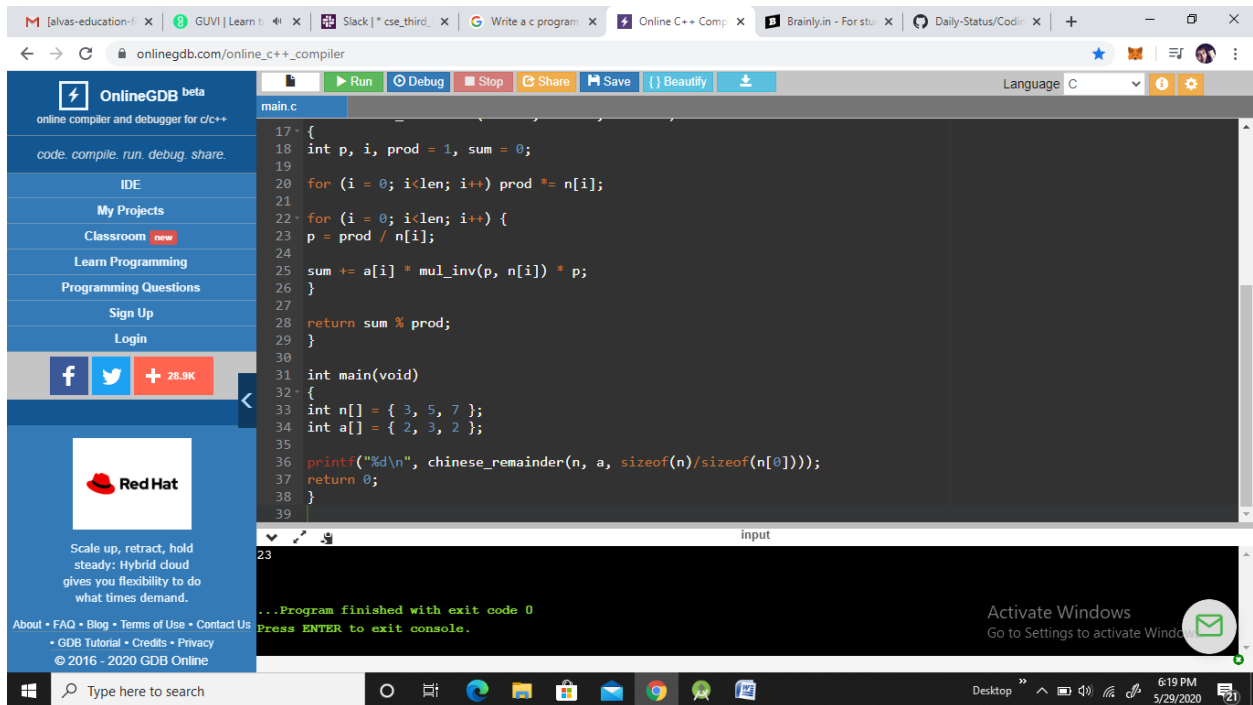
Problem statements are available in the Github:

https://github.com/Pruthvi-au/reddy

OUTPUT SCREEN-SHOTS: Program 1

Program 2:

Program 3:

Program 4:

Main.java

```java
import java.util.*;
public class Main {

    public static void main(String[] args) {

        int num = 153, number, temp, total = 0;

        number = num;
        while (number != 0)
        {
            temp = number % 10;
            total = total + temp*temp*temp;
            number /= 10;
        }
        if(total == num)
            System.out.println(num + " is an Armstrong number");
        else
            System.out.println(num + " is not an Armstrong number");
    }
}
```

input
153 is an Armstrong number

...Program finished with exit code 0
Press ENTER to exit console.

Main.java

```java
import java.util.*;
public class Main {

    public static void main(String[] args) {

        int num = 203, number, temp, total = 0;

        number = num;
        while (number != 0)
        {
            temp = number % 10;
            total = total + temp*temp*temp;
            number /= 10;
        }
        if(total == num)
            System.out.println(num + " is an Armstrong number");
        else
            System.out.println(num + " is not an Armstrong number");
    }
}
```

input
203 is not an Armstrong number

...Program finished with exit code 0
Press ENTER to exit console.

Program 5:

Language Java

Main.java

```java
43                 longestSubstring = charPosMap.keySet().toString();
44
45             }
46
47         }
48
49         System.out.println("Input String : "+inputString);
50
51         System.out.println("The longest substring : "+longestSubstring);
52
53         System.out.println("The longest Substring Length : "+longestSubstringLength);
54
55     }
56
57     public static void main(String[] args)
58
59     {
60
61         longestSubstring("ThisisJavaProgram");
62
63     }
64
65 }
```

input

```
Input String : ThisisJavaProgram
The longest substring : [v, a, P, r, o, g]
The longest Substring Length : 6

...Program finished with exit code 0
```

Type here to search

Desktop   6:34 PM
5/29/2020

Edit with WPS Office