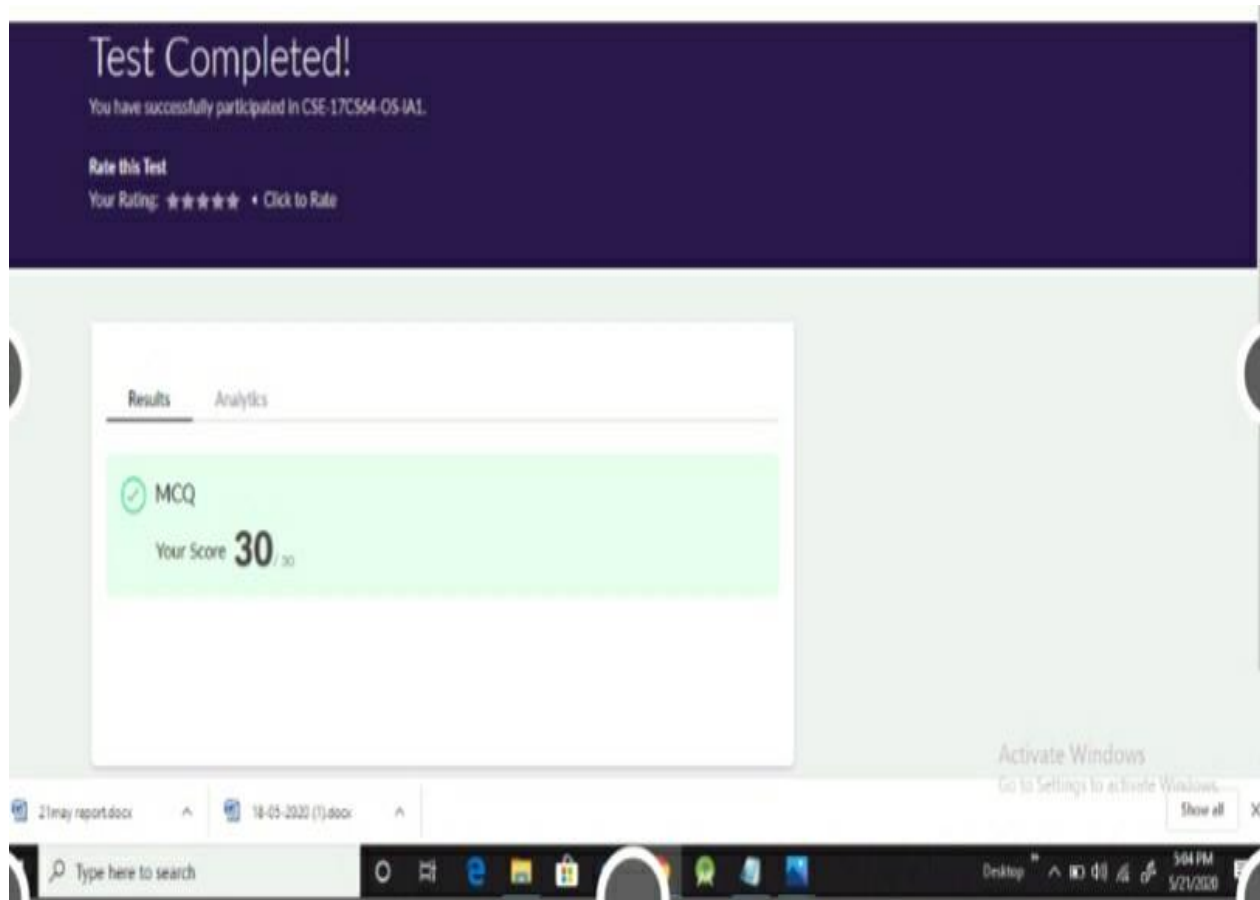


DAILY ONLINE ACTIVITIES SUMMARY

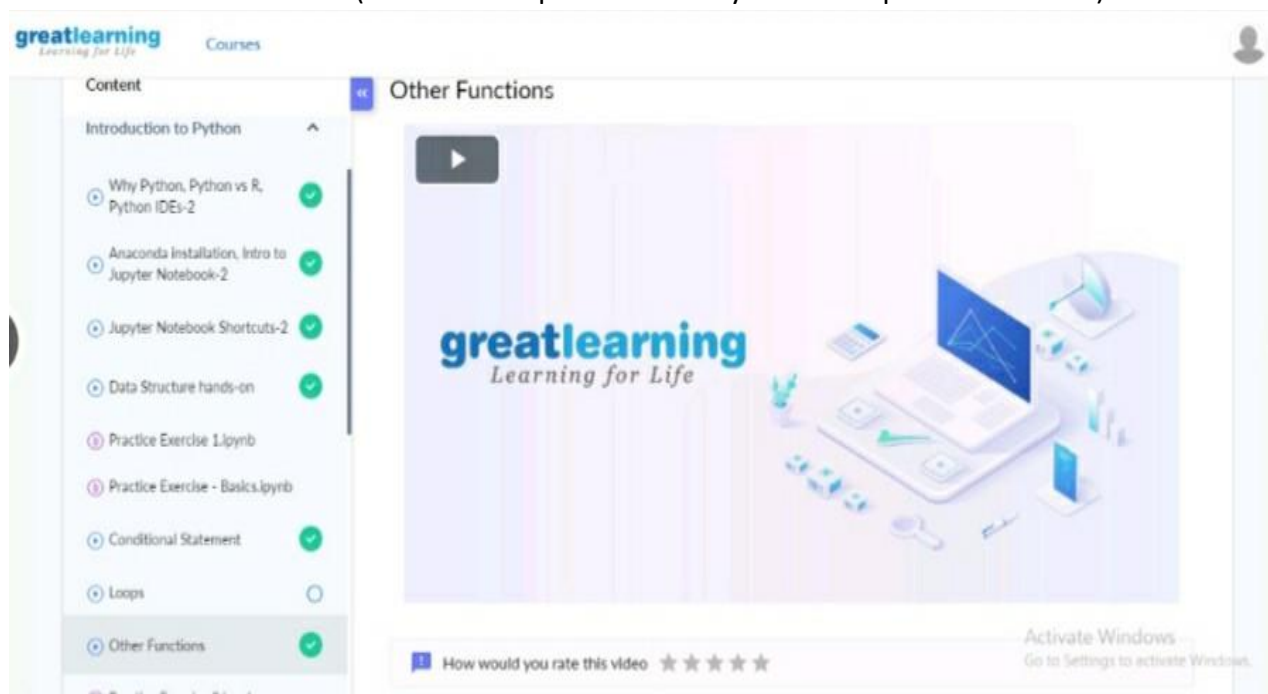
Date:	21-05-2020	Name:	Pruthvibc
Sem& Sec	6th-B	USN:	4AL17CS123
OnlineTestSummary			
Subject	OperatingSystems		
Max.Marks	30	Score	30
CertificationCourseSummary			
Course	Pythonformachinelearning		
CertificateProvider	Greatlearning Adademy	Duration	3hrs
CodingChallenges			
<p>ProblemStatements:</p> <p>1. Write a java program to implement round robin scheduling algorithm. Calculate AVGWT AND TAT.</p> <p>2. Write a simple applet java program to check whether the given number is a strong number or not.</p> <p>3. Write a C program to construct a singly linked list by removing duplicate elements in the</p>			
Status:executed			
Uploaded the report in Github		Yes	
If yes Repository name		git@github.com:Pruthvi-au/reddy.git	
Uploaded the report in slack		Yes	

OnlineTestDetails:(Attach the snapshot and briefly write the report for the same) First I A of OS





CertificationCourseDetails:(Attachthesnapshotandbrieflywritethereportforthesame)



CodingChallengesDetails:(Attachthesnapshotandbrieflywritethereportforthesame)

ProblemstatementsareavailableintheGithub:

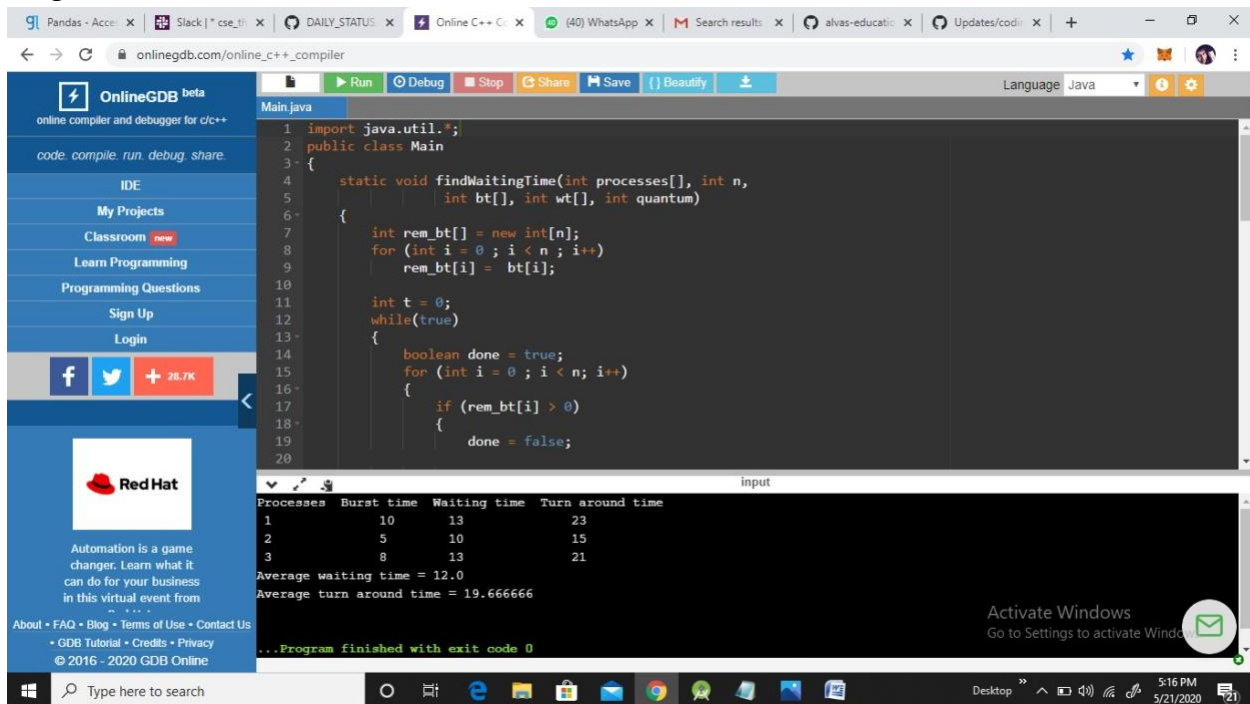
[git@github.com:Pruthvi-au/reddy.git](https://github.com/Pruthvi-au/reddy.git)



Edit with WPS Office

OUTPUTSCREEN-SHOTS:

Program1:



onlinegdb.com/online_c++_compiler

```
1 import java.util.*;
2 public class Main
3 {
4     static void findWaitingTime(int processes[], int n,
5                                 int bt[], int wt[], int quantum)
6     {
7         int rem_bt[] = new int[n];
8         for (int i = 0; i < n; i++)
9             rem_bt[i] = bt[i];
10
11         int t = 0;
12         while(true)
13         {
14             boolean done = true;
15             for (int i = 0; i < n; i++)
16             {
17                 if (rem_bt[i] > 0)
18                 {
19                     done = false;
20                 }
21             }
22         }
23     }
24 }
```

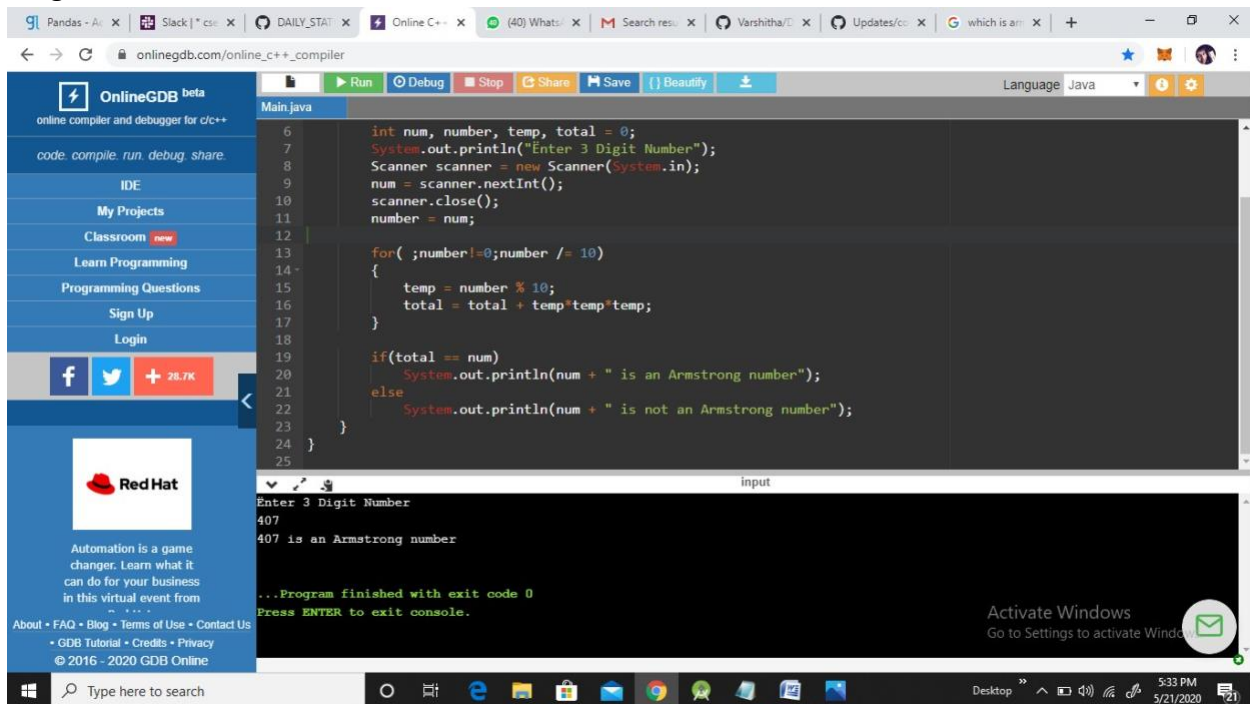
input

Processes	Burst time	Waiting time	Turn around time
1	10	13	23
2	5	10	15
3	8	13	21

Average waiting time = 12.0
Average turn around time = 19.666666

...Program finished with exit code 0

Program2:



onlinegdb.com/online_c++_compiler

```
6 int num, number, temp, total = 0;
7 System.out.println("Enter 3 Digit Number");
8 Scanner scanner = new Scanner(System.in);
9 num = scanner.nextInt();
10 scanner.close();
11 number = num;
12
13 for( ; number!=0; number /= 10)
14 {
15     temp = number % 10;
16     total = total + temp*temp*temp;
17 }
18
19 if(total == num)
20     System.out.println(num + " is an Armstrong number");
21 else
22     System.out.println(num + " is not an Armstrong number");
23 }
24 }
```

input

Enter 3 Digit Number
407
407 is an Armstrong number

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

Program3:

OnlineGDB beta
online compiler and debugger for c/c++
code. compile. run. debug. share.

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Connecting...

Type here to search

Language: C

main.c

```

1 #include <stdio.h>
2 struct node{
3     int data;
4     struct node *next;
5 };
6 struct node *head, *tail = NULL;
7 void addNode(int data) {
8     struct node *newNode = (struct node*)malloc(sizeof(struct node));
9     newNode->data = data;
10    newNode->next = NULL;
11    if(head == NULL) {
12        head = newNode;
13        tail = newNode;
14    }
15    else {
16        tail->next = newNode;
17        tail = newNode;
18    }
19 }
20
21 void removeDuplicate() {
22     struct node *current = head, *index = NULL, *temp = NULL;
23 }

```

input

Originals list:
1 2 3 2 2 4 1
List after removing duplicates:
1 2 3 4

Activate Windows
Go to Settings to activate Windows

Program4:

OnlineGDB beta
online compiler and debugger for c/c++
code. compile. run. debug. share.

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Connecting...

Type here to search

Language: C

main.c

```

1 #include <stdio.h>
2 struct node{
3     int data;
4     struct node *next;
5 };
6 struct node *head, *tail = NULL;
7 void addNode(int data) {
8     struct node *newNode = (struct node*)malloc(sizeof(struct node));
9     newNode->data = data;
10    newNode->next = NULL;
11    if(head == NULL) {
12        head = newNode;
13        tail = newNode;
14    }
15    else {
16        tail->next = newNode;
17        tail = newNode;
18    }
19 }
20
21 void removeDuplicate() {
22     struct node *current = head, *index = NULL, *temp = NULL;
23 }

```

input

Originals list:
1 2 3 2 2 4 1
List after removing duplicates:
1 2 3 4

Activate Windows
Go to Settings to activate Windows

Program5:



Edit with WPS Office

The screenshot shows a web browser window with the URL `onlinegdb.com/online_java_compiler`. The browser's address bar and tabs are visible at the top. The compiler interface includes a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Java. The main editor area, titled 'Main.java', contains the following code:

```
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.println("Enter two numbers:");
        double num1 = scanner.nextDouble();
        double num2 = scanner.nextDouble();
        System.out.println("Enter an operator (+, -, *, /):");
        char operator = scanner.next().charAt(0);
        double result = 0;

        if (operator == '+') result = num1 + num2;
        else if (operator == '-') result = num1 - num2;
        else if (operator == '*') result = num1 * num2;
        else if (operator == '/') result = num1 / num2;

        System.out.println(num1 + " " + operator + " " + num2 + " = " + result);
    }
}
```

The console output shows the execution of the program:

```
Enter two numbers: 58
10
Enter an operator (+, -, *, /): +
58.0 + 10.0 = 68.0

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

The Windows taskbar at the bottom shows the search bar and various application icons, with the system clock indicating 12:06 on 21-05-2020.

This screenshot shows the same online Java compiler interface as the first image, but with different input values. The code in the editor is identical to the first screenshot. The console output shows the execution of the program with subtraction:

```
Enter two numbers: 100.0
28.5
Enter an operator (+, -, *, /): -
100.0 - 28.5 = 71.5

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

The Windows taskbar at the bottom shows the system clock indicating 12:07 on 21-05-2020.

jalvas-education-foundation/3rd x Online Java Compiler - online ed x +

onlinegdb.com/online_java_compiler

input

```
Enter two numbers: 113
6539
Enter an operator (+, -, *, /): *
113.0 * 6539.0 = 738907.0

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

Type here to search

12:10 21-05-2020

jalvas-education-foundation/3rd x Online Java Compiler - online ed x +

onlinegdb.com/online_java_compiler

input

```
Enter two numbers: 25126.0
3
Enter an operator (+, -, *, /): /
25126.0 / 3.0 = 8375.3

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

Type here to search

12:10 21-05-2020

