DAILY ONLINE ACTIVITIES SUMMARY

Date:	08-06-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6th Sem 'A' Sec	USN:	4AL17CS047

Online Test Summary			
Subject	CNSC		
Max. Marks	60	Score	25

Certification Course Summary			
Course	Front end Development-HTML		
Certificate Provider	Great Learning	Duration	5 hr

Coding Challenges

1.Diff of 2 squares

Write C++ program to Check whether a number can be represented as difference of two squares

2.set partition

C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on

3.Detect node

Java program to delete a node from the middle of the singly linked list

4.string palindrome

Program to find whether a string is a palindrome or not

Status: Completed

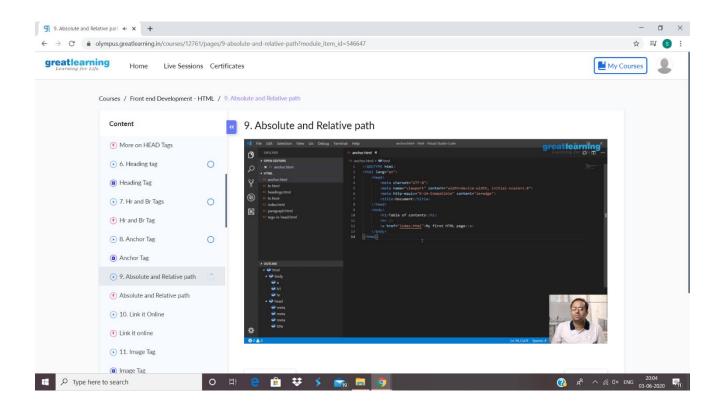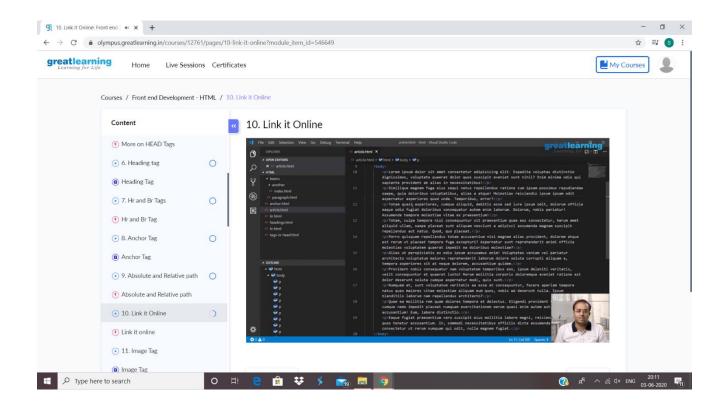|	
Uploaded the report in Github	yes
If yes Repository name	https://github.com/Suchitraheggade/certification-and-Online-coding
Uploaded the report in slack	yes

Online Test Details:

CNSC:

Certification Course Details:

Topics completed:

Absolute and Relative path.

Link it online.

Coding Challenges Details:

1.Diff of 2 squares

Write C++ program to Check whether a number can be represented as difference of two squares

```
enter the number: 4
Yes


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

```
enter the number: 10
No


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

2.set partition

C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on

```
Enter a number N to generate all set partition from 1 to N: 5

Integer partition for 1 is:
1

Integer partition for 2 is:
2
11

Integer partition for 3 is:
3
12
111

Integer partition for 4 is:
4
13
112
1111
22

Integer partition for 5 is:
5
14
113
1112
11111
122
23
```

3.Detect node

Java program to delete a node from the middle of the singly linked list

```
Original List:
1 2 3 4
Updated List:
1 3 4
Updated List:
1 4
Updated List:
4
Updated List:
List is empty
```

4.string palindrome
Program to find whether a string is a palindrome or not

```
Enter The String: aba
True

Process finished with exit code 0
```