DAILY ONLINE ACTIVITIES SUMMARY

Date:	**5-06-2020**	**Name:**	**ASHIKA**
Sem & Sec	**6 A**	**USN:**	**4AL17CS016**

Online Test Summary

Subject	**OPERATION RESARCH**		
Max. Marks	**30**	**Score**	**30**

Certification Course Summary

Course	**Python with data science**		
Certificate Provider	**Cognitive class**	**Duration**	**5 hour**

Coding Challenges

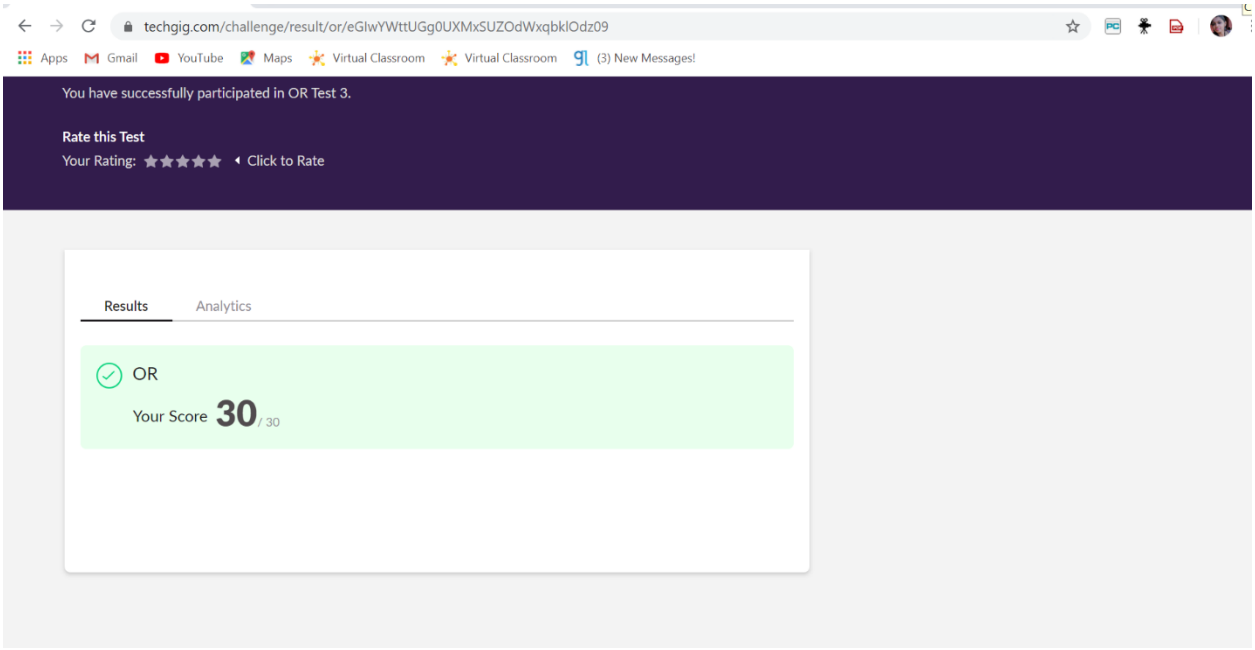
Problem Statement:

1. Write a Java program to implement Circular Linked List Using Array And Class
2. Python program to square each odd number in the list

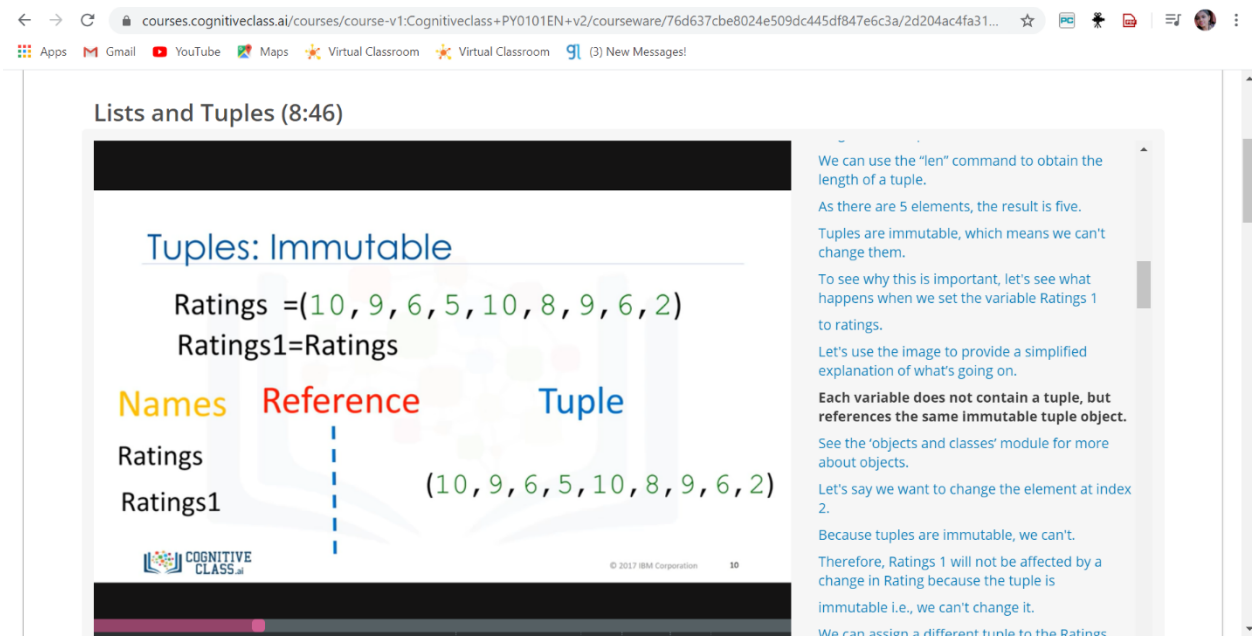
Status: done(executed)

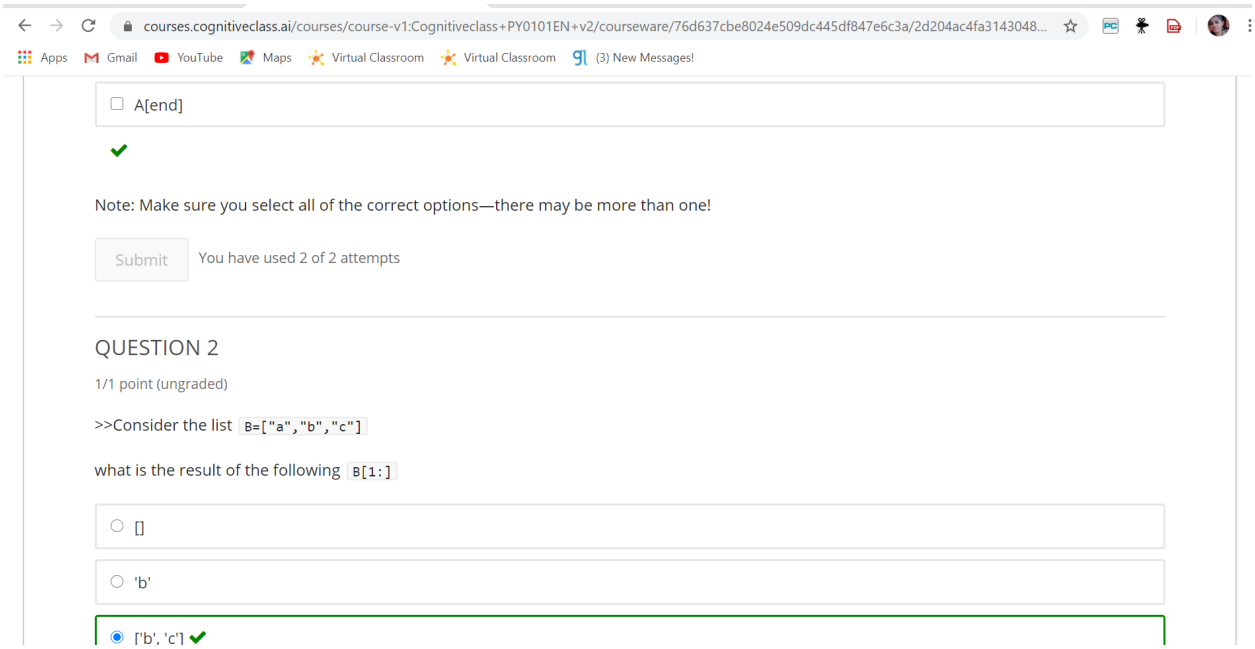
Uploaded the report in Github	**yes**
If yes Repository name	https://github.com/ASHIKA-05/DAILY-REPORT
Uploaded the report in slack	**yes**

SUBJECT: OR



CERTIFICATION COURSE





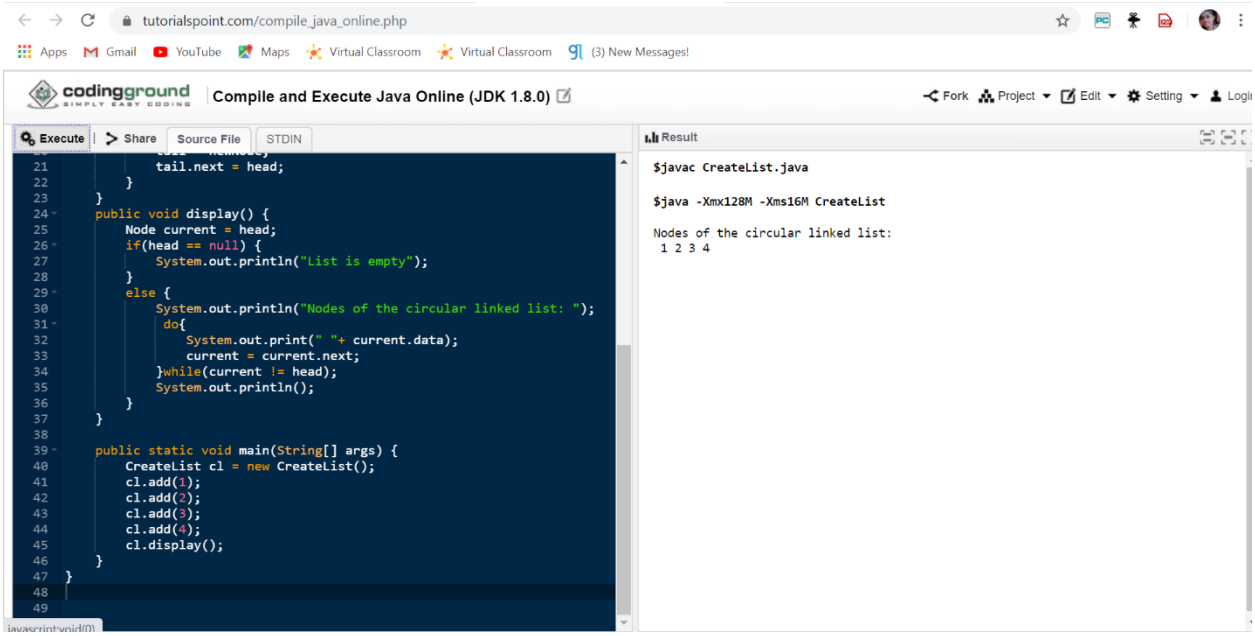
1. Write a Java program to implement Circular Linked List Using Array And Class

```
public class CreateList {
    public class Node{
        int data;
        Node next;
        public Node(int data) {
            this.data = data;
        }
    }
    public Node head = null;
    public Node tail = null;
    public void add(int data){
        Node newNode = new Node(data);
        if(head == null) {
```

```
        head = newNode;
        tail = newNode;
        newNode.next = head;
    }
    else {
        tail.next = newNode;
        tail = newNode;
        tail.next = head;
    }
}
public void display() {
    Node current = head;
    if(head == null) {
        System.out.println("List is empty");
    }
    else {
        System.out.println("Nodes of the circular linked list: ");
         do{
            System.out.print(" "+ current.data);
            current = current.next;
        }while(current != head);
        System.out.println();
    }
}
```

```
    public static void main(String[] args) {
        CreateList cl = new CreateList();
        cl.add(1);
        cl.add(2);
        cl.add(3);
        cl.add(4);
        cl.display();
    }
}
```

Output:



2. Python program to square each odd number in the list

Description:
Take a list of numbers and square each odd number in the list. Print output as comma separated sequence.
eg:
input list: [2,4,5,6,7,8,9]
output: 25,49,81

```
L1=[2,4,5,6,7,8,9]

even_sq,odd_sq = [],[]


for i in L1:

    (even_sq if i%2==0 else odd_sq).append(i*i)


print(odd_sq)
```

output: