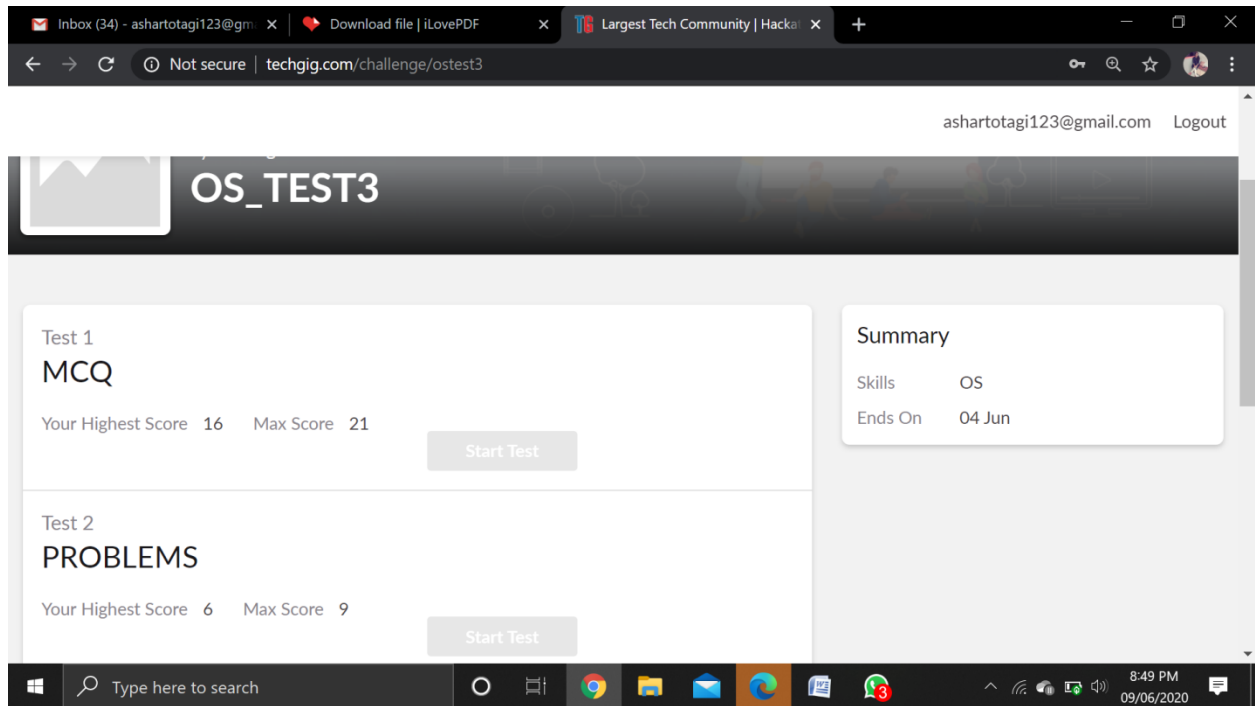


DAILY ONLINE ACTIVITIES SUMMARY

Date:	04 June 2020	Name:	Asha Rudrappa Totagi
Sem& Sec	6 th sem& A sec	USN:	4AL17CS015
Online Test Summary			
Subject	Operating System		
Max. Marks	30	Score	22
Certification Course Summary			
Course	Career Edge – Knockdown the Lockdown		
Certificate Provider	TCSiON	Duration	15 days
Coding Challenges			
Problem Statement Program 1: Take two strings, return a string of the form short+long+short, with the shorter string on the outsides and the longer string on the inside. The strings will not be the same length, but they may be empty (length 0). Program 2: Write a Java program to implement Queue Using Array And Class			
Status: DONE			
Uploaded the report in Github		YES	
If yes Repository name		Daily Status	
Uploaded the report in slack		YES	

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



OS IA3 test was held today i.e, 04 June 2020. Out of 30 marks I scored 22.

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

The screenshot displays the TCS iON Digital Learning interface. The top navigation bar includes the TCS iON logo and the text 'Digital Learning Empowering Learning Outcomes'. The user's name 'Asha' is visible in the top right corner. The main header shows the course title 'Career Edge - Knockdown the Lockdown : Batch 01' and a progress indicator at 100%. The left sidebar contains a 'TABLE OF CONTENTS' with a tree view of the course structure, including 'DAY 10: Learn Corporate Telephone Etiquette', 'Introduction - Learn Corporate Telephone Etiquette', 'Lesson - Learn Corporate Telephone Etiquette', 'Conclusion - Learn Corporate Telephone Etiquette', and 'Assessment - Learn Corporate Telephone Etiquette'. The main content area displays the assessment details for 'Learn Corporate Telephone Etiquette'. The assessment summary shows a total mark of 10.0, a pass mark of 4.0, 01 attempt taken, and a duration of 10 minutes. The start time is 23 May 2020 12:00 AM and the end time is 22 Jul 2020 12:00 AM. A 'View Assessment Analysis At the End of Assessment' link is provided. Below the summary, a table titled 'My Attempts' shows the assessment attempt details.

Attempted On	Attempted Duration (Submission Time)	Marks Obtained	Status	Action
02 Jun 2020 01:47 PM	0:3:11 Hrs(01:50 PM)	9.0/10.0	Pass	View Result

DAY10 (04-06-2020) – Introduction to Learn Corporate Telephone Etiquette.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Program 1:

```
str1=input("Str1=")
str2=input("Str2=")
count1=0
count2=0
for i in str1:
    count1=count1+1
for j in str2:
    count2=count2+1
if count1<count2:
    print("Combined_str("+str1+", "+str2+")"+"="+(str1+str2+str1))
else:
    print("Combined_str("+str1+", "+str2+")"+"="+(str2+str1+str2))
```

Program 2:

```
import java.util.*;

class arrayQueue

{

protected int Queue[] ;

protected int front, rear, size, len;

public arrayQueue(int n)

{

size = n;

len = 0;

Queue = new int[size];

front = -1;

rear = -1;

}
```

```
public boolean isEmpty()
```

```
{
```

```
return front == -1;
```

```
}
```

```
public boolean isFull()
```

```
{
```

```
return front==0 && rear == size -1 ;
```

```
}
```

```
public int getSize()
```

```
{
```

```
return len ;
```

```
}
```

```
public int peek()
```

```
{
```

```
if (isEmpty())
```

```
throw new NoSuchElementException("&quot;Underflow Exception&quot;);
```

```
return Queue[front];
```

```
}
```

```
public void insert(int i)
```

```
{
```

```
if (rear == -1)
```

```
{
```

```
front = 0;
```

```
rear = 0;
```

```

Queue[rear] = i;
}
else if (rear + 1 >= size)
throw new IndexOutOfBoundsException("&quot;Overflow Exception&quot;");
else if ( rear + 1 < size)
Queue[++rear] = i;
len++ ;
}
public int remove()
{
if (isEmpty())
throw new NoSuchElementException("&quot;Underflow Exception&quot;");
else
{
len-- ;

int ele = Queue[front];
if ( front == rear)
{
front = -1;
rear = -1;
}
else
front++;
return ele;
}
}

```

```

    }

    }

    public void display()

    {

        System.out.print("&quot;\nQueue = &quot;);

        if (len == 0)

        {

            System.out.print("&quot;Empty\n&quot;);

            return ;

        }

        for (int i = front; i &lt;= rear; i++)

            System.out.print(Queue[i]+&quot; &quot;);

        System.out.println();

    }

}

public class Main

{

    public static void main(String[] args)

    {

        Scanner scan = new Scanner(System.in);

        System.out.println("&quot;Array Queue Test\n&quot;);

        System.out.println("&quot;Enter Size of Integer Queue &quot;);

        int n = scan.nextInt();

        arrayQueue q = new arrayQueue(n);

        char ch;

```

```
do{
System.out.println("&quot;\nQueue Operations&quot;");
System.out.println("&quot;1. insert&quot;");
System.out.println("&quot;2. remove&quot;");
System.out.println("&quot;3. peek&quot;");
System.out.println("&quot;4. check empty&quot;");
System.out.println("&quot;5. check full&quot;");
System.out.println("&quot;6. size&quot;");
int choice = scan.nextInt();
switch (choice)
{
case 1 :
System.out.println("&quot;Enter integer element to insert&quot;");
try
{
q.insert( scan.nextInt() );
}
catch(Exception e)
{
System.out.println("&quot;Error : &quot; +e.getMessage());
}
break;
case 2 :
try
{
```



```
System.out.println("&quot;Removed Element = &quot;+q.remove());  
  
}  
catch(Exception e)  
{  
System.out.println("&quot;Error : &quot; +e.getMessage());  
}  
break;  
case 3 :  
try  
{  
System.out.println("&quot;Peek Element = &quot;+q.peek());  
}  
catch(Exception e)  
{  
System.out.println("&quot;Error : &quot;+e.getMessage());  
}  
break;  
case 4 :  
System.out.println("&quot;Empty status = &quot;+q.isEmpty());  
break;  
case 5 :  
  
System.out.println("&quot;Full status = &quot;+q.isFull());  
break;  
case 6 :
```

```
System.out.println("&quot;Size = &quot;+ q.getSize());  
break;  
default : System.out.println("&quot;Wrong Entry \n &quot;);  
break;  
}  
q.display();  
System.out.println("&quot;\nDo you want to continue (Type y or n) \n&quot;);  
ch = scan.next().charAt(0);  
  
} while (ch == &#39;Y&#39;|| ch == &#39;y&#39;);  
}  
}
```