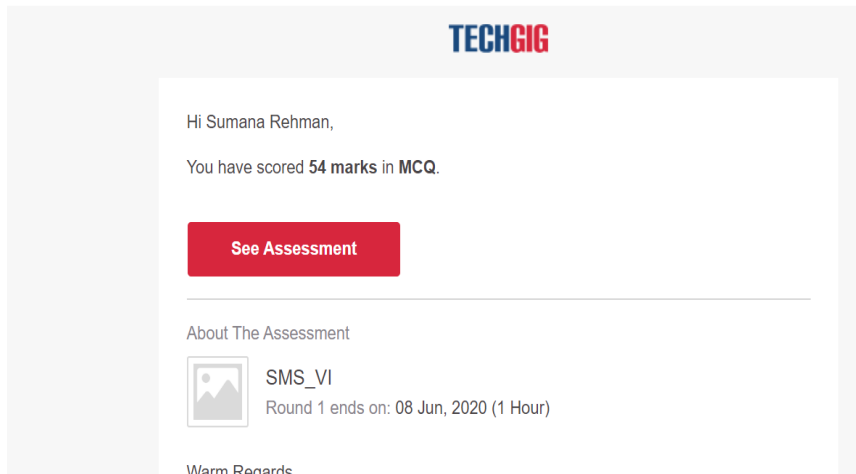


DAILY ONLINE ACTIVITIES SUMMARY

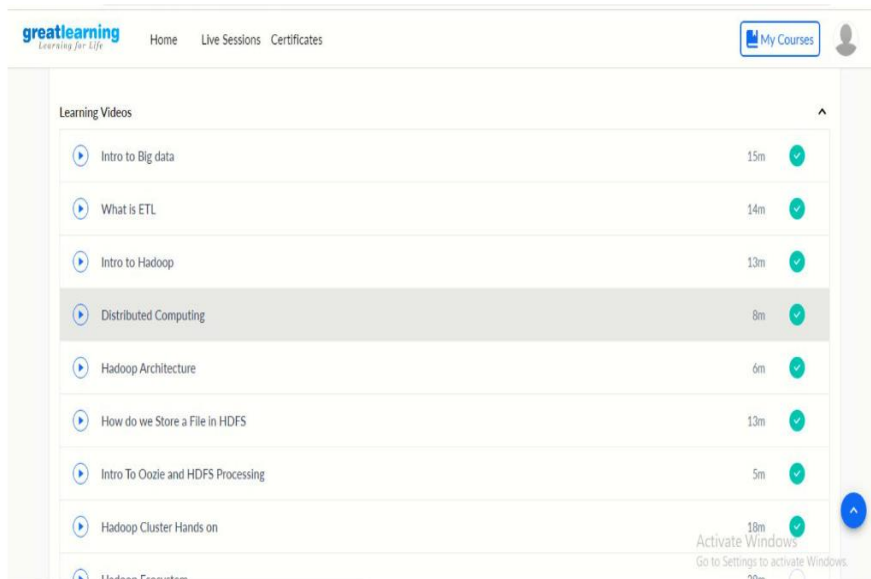
Date:	08/06/2020		Name:	Sumana Rehman
Sem & Sec	8 th Sem B		USN:	4AL16CS107
Online Test Summary				
Subject	SMS			
Max. Marks	60	Score	54	
Certification Course Summary				
Course	Introduction to Hadoop			
Certificate Provider	greatlearning.in	Duration	4 hrs	
Coding Challenges				
ProblemStatement: Program to generate all unique patterns of an integer				
Status: Completed				
Uploaded the report in Github		Yes		
If yes Repository name		Alvas-education-foundation/Sumana		
Uploaded the report in slack		yes		

Online Course Details:



The screenshot shows a user interface for an online course assessment. At the top, the TECHGIG logo is displayed. Below it, a message reads: "Hi Sumana Rehman, You have scored 54 marks in MCQ." A red button labeled "See Assessment" is prominently featured. Underneath, a section titled "About The Assessment" includes a placeholder image for "SMS_VI" and states "Round 1 ends on: 08 Jun, 2020 (1 Hour)". At the bottom, the text "Warm Regards" is visible.

Certification Course Details:



The screenshot displays the Great Learning website's certification course details. The header includes the Great Learning logo and navigation links for Home, Live Sessions, and Certificates. A "My Courses" button and a user profile icon are also present. The main content area, titled "Learning Videos", lists several video modules with their durations and completion status (indicated by green checkmarks):

Video Title	Duration	Status
Intro to Big data	15m	Completed
What is ETL	14m	Completed
Intro to Hadoop	13m	Completed
Distributed Computing	8m	Completed
Hadoop Architecture	6m	Completed
How do we Store a File in HDFS	13m	Completed
Intro To Oozie and HDFS Processing	5m	Completed
Hadoop Cluster Hands on	18m	Completed
Hadoop Ecosystem	90m	Not Completed

An "Activate Windows" watermark is visible in the bottom right corner of the screenshot.

Coding Challenges:

```
def printArray(p,n):
```

```

for i in range(0, n):

    print(p[i], end="")

    print()

def printAllUniqueParts(n):

    p = [0] * n # An array to store a partition

    k = 0 # Index of last element in a partition

    p[k] = n # Initialize first partition

    # as number itself

    while True:

        printArray(p, k + 1)

        rem_val = 0

        while k >= 0 and p[k] == 1:

            rem_val += p[k]

            k -= 1

        if k < 0:

            print()

            return

        p[k] -= 1

        rem_val += 1

        while rem_val > p[k]:

            p[k + 1] = p[k]

```

```
rem_val=rem_val-p[k]
```

```
k+=1
```

```
p[k+1]=rem_val
```

```
k+=1
```

```
print('AllUniquePartitionsof2')
```

```
printAllUniqueParts(2)
```

```
print('AllUniquePartitionsof3')
```

```
printAllUniqueParts(3)
```

```
print('AllUniquePartitionsof4')
```

```
printAllUniqueParts(4)
```