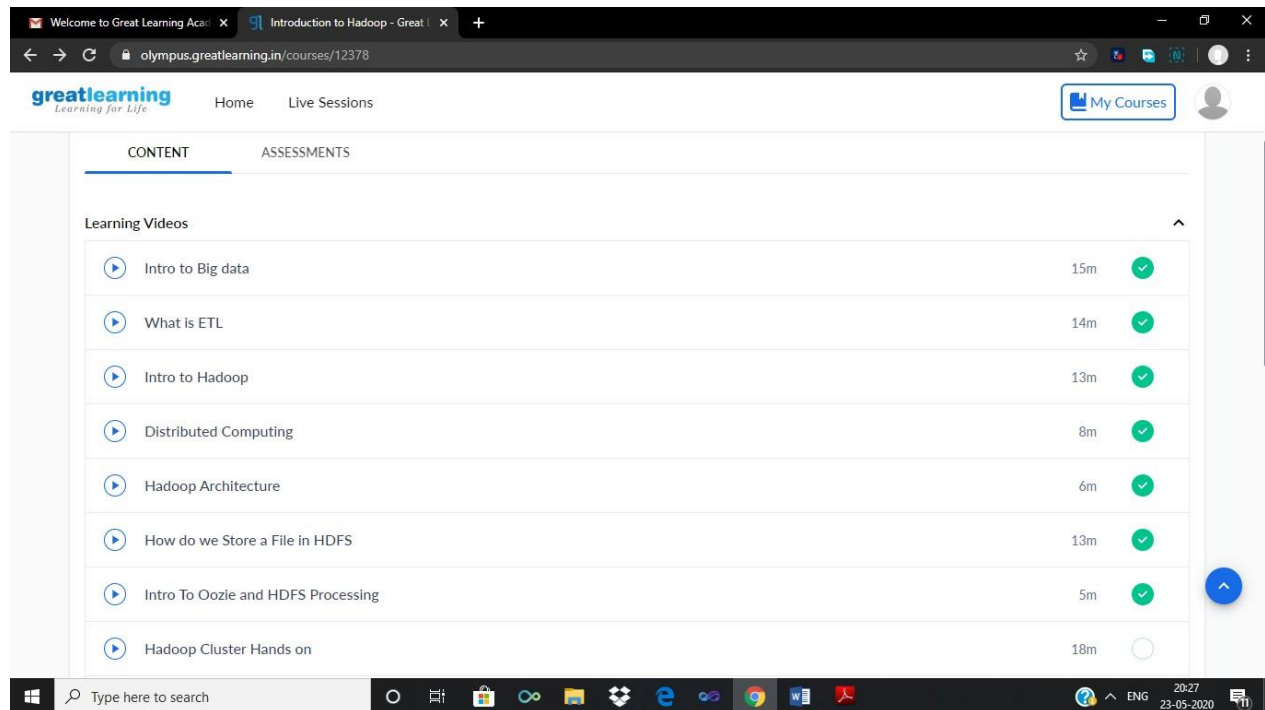


DAILY ONLINE ACTIVITIES SUMMARY

Date:	24/05/2020	Name:	Ameen Ahmed
Sem & Sec	8 th - A	USN:	4AL16CS009
Online Test Summary			
Subject	-----		
Max. Marks	-----	Score	-----
Certification Course Summary			
Course	Introduction To Hadoop		
Certificate Provider	Great Learning	Duration	30 mins
Coding Challenges			
Problem Statement: 1) Python Program to read the number and compute the series. 2) Python program to count number of digits in it.			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		ameen_ahmed	
Uploaded the report in slack		Yes	

Online Test Details: -

Certification Course Details:



What is Oozie?

Oozie is a workflow scheduler system to manage Apache Hadoop jobs. Oozie is integrated with the rest of the Hadoop stack supporting several types of Hadoop jobs such as Java MapReduce, Streaming MapReduce, Pig, Hive and Sqoop. Oozie is a scalable, reliable and extensible system.

CLOSER LOOK TO MAPREDUCE:-

- Discussed an example anagram in map reduce.
- four fundamental transformations data is:
 1. Transformed from the input files and fed into the mappers
 2. Transformed by the mappers
 3. Sorted, merged, and presented to the reducer

4. Transform by reducers and written to output files

- A job is divided into multiple tasks which are then run onto multiple data nodes in a cluster.
- It is the responsibility of job tracker to coordinate the activity by scheduling tasks to run on different data nodes.
- Execution of individual task is then to look after by task tracker, which resides on every data node executing part of the job.
- Task tracker's responsibility is to send the progress report to the job tracker.
- In addition, task tracker periodically sends heartbeat signal to the Jobtracker so as to notify him of the current state of the system.
- Thus job tracker keeps track of the overall progress of each job. In the event of task failure, the job tracker can reschedule it on a different task tracker.

Coding Challenges Details:

1) Python Program to read the number and compute the series.

```
n=int(input("Enter a
number: ")) a=[]
for i in range(1,n+1):
    print(i,sep=" ",end=" ")
    if(i<n):
        print("+",sep=" ",end=" ")
    a.append(i)

print("=",sum(

a)) print()
```

2) Python program to count number of digits in it.

```
n=int(input("Enter  
number:")) count=0  
while(n>0):  
    count=cou  
    nt+1  
    n=n//10  
print("The number of digits in the number are:",count)
```