

DAILY ONLINE ACTIVITIES SUMMARY

Date:	25/05/2020	Name:	Ameen Ahmed
Sem & Sec	8 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)Write a recursive function to calculate the sum of numbers from 0 to 10			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		ameen_ahmed	
Uploaded the report in slack		Yes	

Online Test Details: -

Certification Course Details:

The screenshot shows a web browser window with the Great Learning website. The page is titled 'Introduction to Hadoop - Great Learning' and is located at 'olympus.greatlearning.in/courses/12378'. The navigation bar includes 'Home' and 'Live Sessions' links, and a 'My Courses' button. The main content area is divided into 'CONTENT' and 'ASSESSMENTS' tabs. Under the 'CONTENT' tab, there is a section titled 'Learning Videos' which lists eight videos with their durations and completion status. The videos are: '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), and 'Hadoop Cluster Hands on' (18m, not completed). The Windows taskbar is visible at the bottom, showing the search bar and various application icons.

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	Not Completed

PRACTICAL APPROACH TO MAP REDUCE:-

- Setting up of Vmware in linux for hadoop
- Using of LXTerminal
- Start using unix file system and hdfs file system commands.
- Creating of a text file to execute
- Using of Eclipse
- And having files for driver, mapper and reducer
- Using some of the predefined hadoop mapreduce methods we will be getting the final output

Coding Challenges Details:

1)Write a recursive function to calculate the sum of numbers from 0 to 10

```
def calculateSum(num): if
```

```
    num:
```

```
        return num + calculateSum(num-1)
```

```
    else:
```

```
        return 0
```

```
res = calculateSum(10)
```

```
print(res)
```