DAILY ONLINE ACTIVITIES SUMMARY

Date:	**16-06-2020**	**Name:**	**Shaima Abdul Kader**
Sem & Sec	**VIII Semester & B Section**	**USN:**	**4AL16CS087**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**24**

Certification Course Summary

Course	**Hadoop 101**		
Certificate Provider	**IBM**	**Duration**	**3 Hrs**

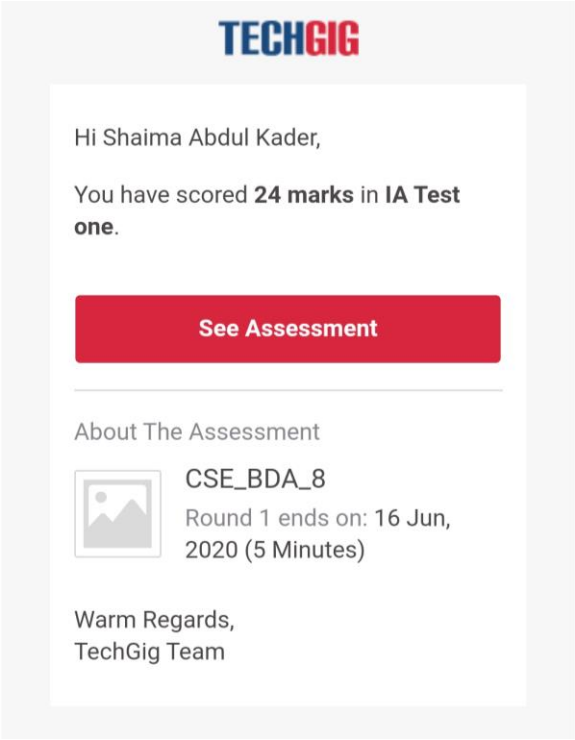
Coding Challenges

Problem Statement: C Program to calculate simple interest.

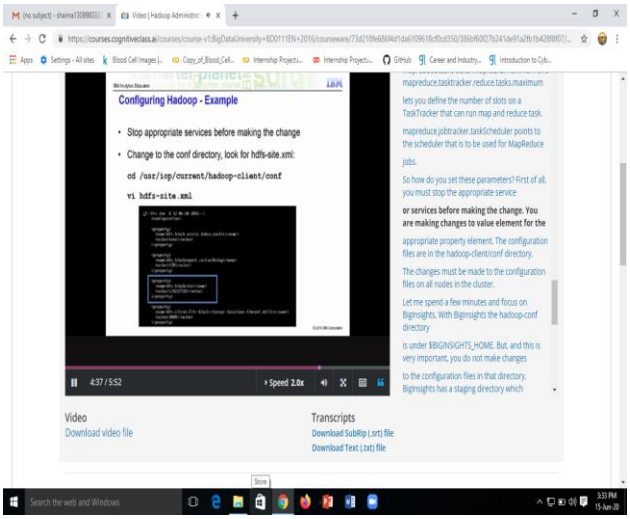
Status: COMPLETED

Uploaded the report in Github	**YES**
If yes Repository name	**shaima**
Uploaded the report in slack	**YES**

Online Test Details:



Certification Course Details:


Configuring Hadoop - Example
• Stop appropriate services before making the change
• Change to the conf directory, look for hdfs-site.xml:
cd /usr/iop/current/hadoop-client/conf
vi hdfs-site.xml
4:37 / 5:52
Speed 2.0x
Video
Download video file
Transcripts
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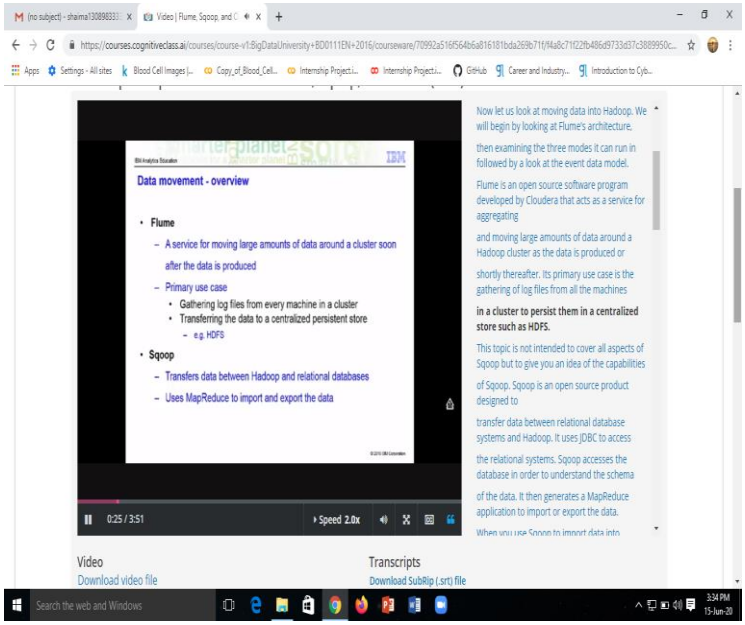
Download Text (.txt) file


Data movement - overview
• Flume
– A service for moving large amounts of data around a cluster soon after the data is produced
– Primary use case
• Gathering log files from every machine in a cluster
• Transferring the data to a centralized persistent store
– e.g. HDFS
• Sqoop
– Transfers data between Hadoop and relational databases
– Uses MapReduce to import and export the data
0:25 / 3:51
Speed 2.0x
Video
Download video file
Transcripts
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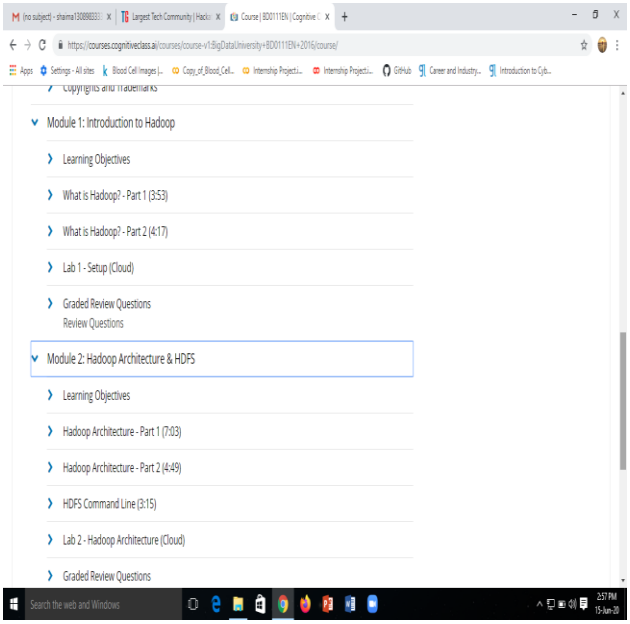
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Module 1: Introduction to Hadoop
Learning Objectives
What is Hadoop? - Part 1 (3:53)
What is Hadoop? - Part 2 (4:17)
Lab 1 - Setup (Cloud)
Graded Review Questions
Review Questions
Module 2: Hadoop Architecture & HDFS
Learning Objectives
Hadoop Architecture - Part 1 (7:03)
Hadoop Architecture - Part 2 (4:49)
HDFS Command Line (3:15)
Lab 2 - Hadoop Architecture (Cloud)
Graded Review Questions

Coding challenges online details :

```
#include <stdio.h>

int main()
{
   float principle, time, rate, SI;

   /* Input principle, rate and time */
   printf("Enter principle (amount): ");
   scanf("%f", &principle);

   printf("Enter time: ");
   scanf("%f", &time);

   printf("Enter rate: ");
   scanf("%f", &rate);

   /* Calculate simple interest */
   SI = (principle * time * rate) / 100;
```

```
    /* Print the resultant value of SI */
    printf("Simple Interest = %f", SI);


    return 0;
}
```