


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>16-06-2020</b>	<b>Name:</b>	<b>Shaima Abdul Kader</b>
<b>Sem &amp; Sec</b>	<b>VIII Semester &amp; B Section</b>	<b>USN:</b>	<b>4AL16CS087</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>BDA</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>24</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Hadoop 101</b>		
<b>Certificate Provider</b>	<b>IBM</b>	<b>Duration</b>	<b>3 Hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: C Program to calculate simple interest.</b>			
<b>Status: COMPLETED</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>shaima</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Online Test Details:




Hi Shaima Abdul Kader,

You have scored **24 marks** in **IA Test one**.

[See Assessment](#)

About The Assessment



CSE\_BDA\_8

Round 1 ends on: 16 Jun, 2020 (5 Minutes)

Warm Regards,  
TechGig Team


## Certification Course Details:

Video | Hadoop Administration

https://courses.cognitiveclass.ai/courses/course-v1:BigDataUniversity+BD0111EN+2016/courseware/73d210b6304f1a6103e16d50/39b86507b241a61a2b104208077...

### Configuring Hadoop - Example

- Stop appropriate services before making the change
- Change to the conf directory, look for `hdfs-site.xml`:  
`cd /usr/local/hadoop-client/conf`  
`vi hdfs-site.xml`



mapreduce.tasktracker.reduce.tasks.maximum  
lets you define the number of slots on a TaskTracker that can run map and reduce task.  
mapreduce.jobtracker.task.scheduler points to the scheduler that is to be used for MapReduce jobs.  
So how do you set these parameters? First of all, you must stop the appropriate service.  
**or services before making the change. You are making changes to value element for the appropriate property element.** The configuration files are in the `hadoop-client/conf` directory. The changes must be made to the configuration files on all nodes in the cluster.  
Let me spend a few minutes and focus on BigNoights. With BigNoights the `hadoop-conf` directory is under `BDGSGHTS_HOME`. But, and this is very important, you do not make changes to the configuration files in that directory. BigNoights has a staging directory which

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Video | Hume, Sqoop, and C

https://courses.cognitiveclass.ai/courses/course-v1:BigDataUniversity+BD0111EN+2016/courseware/70992a5169564b6a8161010da263b071f14a8c71022b486e9733d37c3889950c...

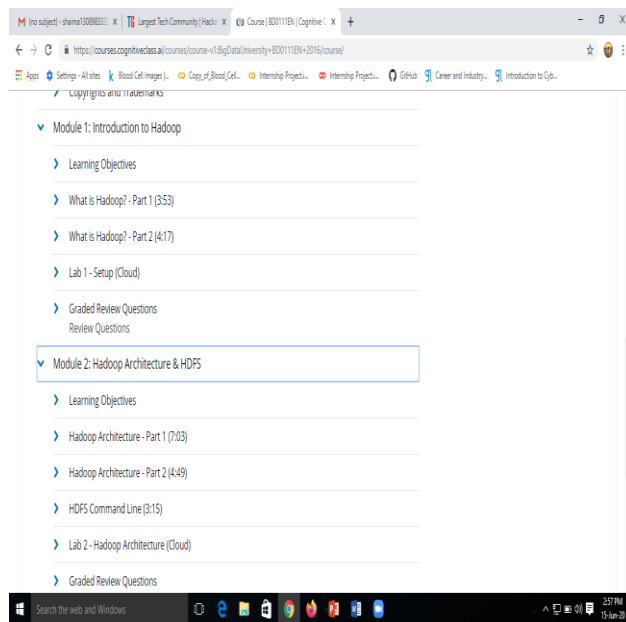
### Data movement - overview

- 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

Now let us look at moving data into Hadoop. We will begin by looking at Flume's architecture, then examining the three modes it can run in followed by a look at the event data model.  
Flume is an open source software program developed by Cloudera that acts as a service for aggregating and moving large amounts of data around a Hadoop cluster as the data is produced or shortly thereafter. Its primary use case is the gathering of log files from all the machines in a cluster to persist them in a centralized store such as HDFS.  
This topic is not intended to cover all aspects of Sqoop but to give you an idea of the capabilities of Sqoop. Sqoop is an open source product designed to transfer data between relational database systems and Hadoop. It uses JDBC to access the relational systems. Sqoop accesses the database in order to understand the schema of the data. It then generates a MapReduce application to import or export the data.  
When you use Sqoop to import data into

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### 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;  
}
```