

## Experiment No. 1.2

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Semester: **IV**

Subject Name: **Big Data Analytics**

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Section/Group: **MCD-1/ Grp A**

Date of Performance: **25<sup>th</sup> Jan 24**

Subject Code: **22CAP-782**

### 1. Aim/Overview of the practical:

File management tasks in Hadoop

### 2. Code for practical:

- Open terminal in Ubuntu and use following command to switch user:

```
sudo su - hadoop
```

- Start servers using command:

```
start-dfs.sh
```

```
start-yarn.sh
```

OR

```
start-all.sh
```

- After starting namenodes and datanodes, make a local folder named localData.

```
mkdir localdata
```

- Then create to create a file in Hadoop using fs use command:

```
hadoop fs -mkdir /22mcc20039
```

- To view all directories in Hadoop use command:

```
hadoop fs -ls /
```


```
hadoop@ubuntu:~$ hadoop fs -mkdir /22MCC20039
hadoop@ubuntu:~$ hadoop fs -ls /
Found 2 items
drwxr-xr-x  - hadoop supergroup          0 2024-02-02 02:18 /22MCC20039
drwxr-xr-x  - hadoop supergroup          0 2024-01-23 11:40 /Data
hadoop@ubuntu:~$
```


- You can check on localhost by clicking on Utilities > Browse the file system


## Browse Directory


/

Go!











Show25entries

Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
<input type="checkbox"/>	<a href="#">drwxr-xr-x</a>	<a href="#">hadoop</a>	<a href="#">supergroup</a>	0 B	Feb 02 02:18	<a href="#">0</a>	0 B	<a href="#">22MCC20039</a>	
<input type="checkbox"/>	<a href="#">drwxr-xr-x</a>	<a href="#">hadoop</a>	<a href="#">supergroup</a>	0 B	Jan 23 11:40	<a href="#">0</a>	0 B	<a href="#">Data</a>	

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Hadoop, 2023.

- To remove a directory, use command:

```
hdfs fs -rmdir /22mcc20039
```

```
hadoop@ubuntu:~$ hadoop fs -rmdir /22MCC20039
hadoop@ubuntu:~$ hadoop fs -ls /
Found 1 items
drwxr-xr-x  - hadoop supergroup          0 2024-01-23 11:40 /Data
hadoop@ubuntu:~$
```

\*\*\*\*\* **THE END** \*\*\*\*\*