

Experiment No. 1.4

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Branch: **MCA - CCD**

Semester: **IV**

Subject Name: **Big Data Analytics**

UID: **22MCC20007**

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

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Subject Code: **22CAP-782**

1. Aim/Overview of the practical:

Display the contents of a file in Hadoop and copy it.

2. Code for practical:

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

```
start-all.sh
```

- To view contents of an uploaded file in Hadoop, use command:

```
hdfs dfs -cat /hadoopdata/city.txt
```

```
hadoop@ubuntu:~$ hdfs dfs -cat /hadoopData/city.txt
22MCC20039
Rishav Kumar
hadoop@ubuntu:~$
```

- To copy file to local use copyToLocal command:

```
hdfs dfs -copyToLocal /hadoopdata /home/hadoop
```

```
hadoop@ubuntu:~$ hdfs dfs -copyToLocal /hadoopData/city.txt /home/hadoop
hadoop@ubuntu:~$ ls -a
.                .bashrc         hadoop-3.3.6.tar.gz  .profile
..               .cache          hdfs                 snap
.bash_history    city.txt        .local               .ssh
.bash_logout     .config        localData            .sudo_as_admin_successful
hadoop@ubuntu:~$
```

***** **THE END** *****