

## Experiment 23

24/8/23

Aim: Install hadoop 2x and configure the namenode and datanode

1) After the installing of hadoop modify Hadoop config files.

```
$ sudo nano vi bashrc
```

```
$ cd /usr/local/hadoop/hadoop-2.7.2/  
etc/hadoop/
```

```
$ sudo nano hadoop-env.sh
```

```
$ sudo mkdir -p /usr/local/hadoop  
- tmp/hdfs/name node
```

```
$ sudo mkdir -p /usr/local/hadoop  
tmp/hdf/datanode
```

```
$ sudo chown -R hduser: hadoop/  
usr/local/hadoop - tmp
```

```
$ sudo nano hdfs-site.xml
```

```
$ sudo nano core-site.xml
```

```
$ sudo nano yarn-site.xml
```

```
$ sudo nano mapred-site.xml
```

3) Format Hadoop file system

```
$ cd /usr/local/hadoop/hadoop-2.7.2  
bin
```



\$ hadoop namenode - format

4) start Hadoop

\$ cd /usr/local/hadoop/hadoop-2.7.2/

\$ start-dfs.sh      \$ start-yarn.sh  
\$ jps

5) check Hadoop through web UI

http://localhost:8088

http://localhost:50070

6) stop Hadoop

\$ stop-dfs.sh

\$ stop-yarn.sh