

## BDA LAB 5

```
hduser@bmsce-OptiPlex-3060:~$ sudo su hduser
```

```
[sudo] password for hduser:
```

```
hduser@bmsce-OptiPlex-3060:~$ start-all.sh
```

This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh

Starting namenodes on [localhost]

```
hduser@localhost's password:
```

```
localhost: namenode running as process 6160. Stop it first.
```

```
hduser@localhost's password:
```

```
localhost: datanode running as process 6330. Stop it first.
```

Starting secondary namenodes [0.0.0.0]

```
hduser@0.0.0.0's password:
```

```
0.0.0.0: secondarynamenode running as process 6542. Stop it first.
```

starting yarn daemons

```
resourcemanager running as process 6701. Stop it first.
```

```
hduser@localhost's password:
```

```
localhost: nodemanager running as process 7033. Stop it first.
```

```
hduser@bmsce-OptiPlex-3060:~$ jps
```

6160 NameNode

7033 NodeManager

8778 Jps

6330 DataNode

6701 ResourceManager

6542 SecondaryNameNode

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -mkdir /jathin
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /
```

Found 22 items

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:35 /CSE
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:35 /LLL
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:20 /WC.txt
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:19 /Welcome.text
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:19 /Welcome.txt
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:44 /abc
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 09:59 /abc.text
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 09:59 /abc.txt
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:09 /abctest.text
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:09 /abctest.txt
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:15 /abctst
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:38 /dsf
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:48 /example
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:31 /fname
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:55 /jathin
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:45 /jatin
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-01 15:03 /lab52
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-01 10:13 /lol
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-01 14:53 /newlab52
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:50 /test1
```

```
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:50 /test2
```

```
-rw-r--r-- 1 hduser supergroup 7 2022-06-01 09:45 /user1
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /home/hduser/Desktop/Welcome.txt  
/jathin/WC.txt
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC.txt
```

Hi this is a text document

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyFromLocal /home/hduser/Desktop/abc2  
/jathin/WC2.txt
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC2.txt
```

hi

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -get /jathin/WC.txt /home/hduser/Downloads/Wwc.txt
```

```
hduser@bmsce-OptiPlex-3060:~$ ls /home/hduser/Downloads
```

abc.txt Wwc.txt

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyToLocal /jathin/WC.txt /home/hduser/Desktop
```

```
hduser@bmsce-OptiPlex-3060:~$ ls /home/hduser/Desktop/
```

abc2 WC.txt Welcome.txt

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC.txt
```

Hi this is a text document

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cp /jathin/WC.txt /Desktop
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /jathin/
```

Found 1 items

```
-rw-r--r-- 1 hduser supergroup 30 2022-06-06 14:59 /jathin/WC.txt
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv /jathin/WC2.txt /Downloads
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv -ls /Downloads
```

```
-mv: Illegal option -ls
```

```
Usage: hadoop fs [generic options] -mv <src> ... <dst>
```

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /Downloads
```

```
-rw-r--r-- 1 hduser supergroup 3 2022-06-06 15:10 /Downloads
```

```
Activities Terminal Jun 6 15:34 hdsuser@bmsce-OptiPlex-3060: -
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /Desktop/welcome.txt /jathin/WC.txt
put: '/Desktop/welcome.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put welcome.txt /jathin/WC.txt
put: 'welcome.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /home/hdsuser/Desktop/welcome.txt /jathin/WC.txt
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC.txt
Hl this is a text document
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyFromLocal /home/hdsuser/Desktop/abc2.txt /jathin/WC.txt
copyFromLocal: '/jathin/WC.txt': File exists
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyFromLocal /home/hdsuser/Desktop/abc2.txt /jathin/WC2.txt
copyFromLocal: '/home/hdsuser/Desktop/abc2.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyFromLocal /home/hdsuser/Desktop/abc2 /jathin/WC2.txt
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC2.txt
hl
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -get /jathin/WC.txt /home/hdsuser/Downloads/WC.txt
hdsuser@bmsce-OptiPlex-3060:~$ ls
Desktop  hadoop-2.6.0  Pictures  Templates
Documents  hadoop-2.6.0.tar.gz  Public  Videos
Downloads  Music  word-2.4.8-bin-hadoop2.6.tgz  xyz.txt
hdsuser@bmsce-OptiPlex-3060:~$ ls /Downloads
ls: cannot access '/Downloads': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ ls /home/hdsuser/Downloads
abc.txt  WC.txt
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyToLocal /jathin/wc.txt /home/hdsuser/Desktop
copyToLocal: '/jathin/wc.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -copyToLocal /jathin/WC.txt /home/hdsuser/Desktop
hdsuser@bmsce-OptiPlex-3060:~$ ls /home/hdsuser/Desktop/
abc2  WC.txt  welcome.txt
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /jathin/WC.txt
Hl this is a text document
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv /jathin/WC2.txt /home/hdsuser/Desktop
mv: '/home/hdsuser/Desktop/': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv /jathin/WC2.txt /home/hdsuser/Desktop/abcd.txt
mv: '/home/hdsuser/Desktop/abcd.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv /jathin/WC2.txt /home/hdsuser/Downloads/
mv: '/home/hdsuser/Downloads/': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv /jathin/WC2.txt /Downloads
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mv -ls /Downloads
-mv: illegal option -ls
Usage: hadoop fs [generic options] -mv <src> ... <dst>
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /Downloads
-rw-r--r-- 1 hdsuser supergroup 3 2022-06-06 15:10 /Downloads
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /Downloads/
-rw-r--r-- 1 hdsuser supergroup 3 2022-06-06 15:10 /Downloads
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /jathin/
Found 1 items
-rw-r--r-- 1 hdsuser supergroup 30 2022-06-06 14:59 /jathin/WC.txt
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -cp /jathin/WC.txt /Downloads
cp: '/Downloads': File exists
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -cp /jathin/WC.txt /Desktop
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /jathin/
Found 1 items
-rw-r--r-- 1 hdsuser supergroup 30 2022-06-06 14:59 /jathin/WC.txt
hdsuser@bmsce-OptiPlex-3060:~$ ^C
hdsuser@bmsce-OptiPlex-3060:~$
```

```
Activities Terminal Jun 6 15:34 hdsuser@bmsce-OptiPlex-3060: -
hdsuser@bmsce-OptiPlex-3060:~$ sudo su hdsuser
[sudo] password for hdsuser:
hdsuser@bmsce-OptiPlex-3060:~$ start-all.sh
This script is deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
hdsuser@localhost's password:
localhost: namenode running as process 6160. Stop it first.
hdsuser@localhost's password:
localhost: datanode running as process 6330. Stop it first.
Starting secondary namenodes [0.0.0.0]
hdsuser@0.0.0.0's password:
0.0.0.0: secondarynamenode running as process 6542. Stop it first.
starting yarn daemons
resourceanalyzer running as process 6781. Stop it first.
hdsuser@localhost's password:
localhost: nodemanager running as process 7033. Stop it first.
hdsuser@bmsce-OptiPlex-3060:~$ jps
6160 NameNode
7033 NodeManager
8778 Jps
6330 DataNode
6701 ResourceManager
6542 SecondaryNameNode
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mkdir /abc
mkdir: '/abc': File exists
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -mkdir /jathin
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /
Found 22 items
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:35 /CSE
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:35 /LL
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:20 /WC.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:19 /welcome.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:19 /welcome.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-01 09:44 /abc
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 09:59 /abc.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 09:59 /abc.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:09 /abctest.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:09 /abctest.txt
drwxr-xr-x - hdsuser supergroup 0 2022-06-04 10:15 /abctest
drwxr-xr-x - hdsuser supergroup 0 2022-06-01 09:38 /dsf
drwxr-xr-x - hdsuser supergroup 0 2022-06-06 14:48 /example
drwxr-xr-x - hdsuser supergroup 0 2022-06-06 14:31 /fname
drwxr-xr-x - hdsuser supergroup 0 2022-06-06 14:55 /jathin
drwxr-xr-x - hdsuser supergroup 0 2022-06-06 14:45 /jathin
drwxr-xr-x - hdsuser supergroup 0 2022-06-01 15:03 /lab52
drwxr-xr-x - hdsuser supergroup 0 2022-06-01 10:13 /lol
drwxr-xr-x - hdsuser supergroup 0 2022-06-01 14:53 /newlab52
drwxr-xr-x - hdsuser supergroup 0 2022-06-03 14:50 /test1
drwxr-xr-x - hdsuser supergroup 0 2022-06-03 14:50 /test2
-rw-r--r-- 1 hdsuser supergroup 7 2022-06-01 09:45 /user1
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /Desktop/welcome.txt /jathin/WC.txt
put: '/Desktop/welcome.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /Desktop/welcome.txt /jathin/WC.txt
put: '/Desktop/welcome.txt': No such file or directory
hdsuser@bmsce-OptiPlex-3060:~$ hdfs dfs -put welcome.txt /jathin/WC.txt
put: 'welcome.txt': No such file or directory
```

```

hduser@bmsce-OptiPlex-3060:~$ sudo su hduser
[sudo] password for hduser:
hduser@bmsce-OptiPlex-3060:~$ start-all.sh
This script is deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
hduser@localhost's password:
localhost: namenode running as process 6100. Stop it first.
hduser@localhost's password:
localhost: datanode running as process 6330. Stop it first.
Starting secondary namenodes [0.0.0.0]
hduser@0.0.0.0's password:
0.0.0.0: secondarynamenode running as process 6542. Stop it first.
Starting yarn daemons
resourceManager running as process 6701. Stop it first.
hduser@localhost's password:
localhost: nodemanager running as process 7033. Stop it first.
hduser@bmsce-OptiPlex-3060:~$ jps
6100 NameNode
7033 NodeManager
8778 Jps
6330 DataNode
6701 ResourceManager
6542 SecondaryNameNode
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -mkdir /abc
mkdir: '/abc': file exists
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -mkdir /jathin
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /
Found 22 items
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:35 /CSE
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:35 /LLL
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:20 /WC.txt
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:19 /Welcome.txt
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:19 /Welcome.txt
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:44 /abc
drwxr-xr-x - hduser supergroup 0 2022-06-04 09:59 /abc.text
drwxr-xr-x - hduser supergroup 0 2022-06-04 09:59 /abc.txt
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:09 /abctest.text
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:09 /abctest.txt
drwxr-xr-x - hduser supergroup 0 2022-06-04 10:15 /abctst
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:38 /dsf
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:48 /example
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:31 /fname
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:55 /jathin
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:45 /jathin
drwxr-xr-x - hduser supergroup 0 2022-06-01 15:03 /lab52
drwxr-xr-x - hduser supergroup 0 2022-06-01 10:13 /lol
drwxr-xr-x - hduser supergroup 0 2022-06-01 14:53 /newlab52
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:50 /test1
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:50 /test2
-rw-r--r-- 1 hduser supergroup 7 2022-06-01 09:45 /user1
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /Desktop/abc2.txt /jathin/WC.txt
put: '/Desktop/abc2.txt': No such file or directory
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /Desktop/Welcome.txt /jathin/WC.txt
put: '/Desktop/Welcome.txt': No such file or directory
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put Welcome.txt /jathin/WC.txt
put: 'Welcome.txt': No such file or directory

```