

Program 5

Execution of HDFS Commands for interaction with Hadoop Environment. (Minimum 10 commands to be executed)

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ start-all.sh
```

WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds.

WARNING: This is not a recommended production deployment configuration.

WARNING: Use CTRL-C to abort.

Starting namenodes on [localhost]

Starting datanodes

Starting secondary namenodes [bmscecse-HP-Elite-Tower-800-G9-Desktop-PC]

Starting resourcemanager

Starting nodemanagers

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop dfs -mkdir /sadh
```

WARNING: Use of this script to execute dfs is deprecated.

WARNING: Attempting to execute replacement "hdfs dfs" instead.

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -mkdir /sadh
```

mkdir: '/sadh': File exists

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -ls /
```

Found 1 items

```
drwxr-xr-x - hadoop supergroup    0 2024-05-13 14:27 /sadh
```

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -ls /sadh
```

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -put
```

```
/home/hadoop/Desktop/example/Welcome.txt /sadh/WC.txt
```

```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -cat /sadh/WC.txt
```

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```
hadoop@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /sadh/WC.txt
```

```
/home/hadoop/Desktop/example/WWC.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /sadh/WC.txt  
/home/hadoop/Desktop/example/WWC2.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -put  
/home/hadoop/Desktop/example/Welcome.txt /sadh/WC2.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /sadh/WC.txt  
/sadh/WC2.txt /home/hadoop/Desktop/example/Merge.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -getfacl /sadh/
```

```
# file: /sadh
```

```
# owner: hadoop
```

```
# group: supergroup
```

```
user::rwx
```

```
group::r-x
```

```
other::r-x
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -mv /sadh /WC2.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -ls /sadh /WC2.txt
```

```
ls: `/sadh': No such file or directory
```

```
Found 2 items
```

```
-rw-r--r-- 1 hadoop supergroup      6 2024-05-13 14:51 /WC2.txt/WC.txt
```

```
-rw-r--r-- 1 hadoop supergroup      6 2024-05-13 15:03 /WC2.txt/WC2.txt
```

```
hadoop@bmsceese-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -cp /WC2.txt/ /WC.txt
```