

```
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/f1le.txt
```

```
hey
```

```
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -copyFromLocal /home/hadoop/Desktop/bda_local.txt /bda_hadoop/f1le_cp_local.txt
```

```
hadoop@bmscecse-HP-Elite-Tower-600-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-600-G9-Desktop-PC]
Starting resourcemanager
Starting nodemanagers
```

```
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/ /home/hadoop/Downloads/merged_output.txt
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hadoop fs -getfacl /bda_hadoop/
# file: /bda_hadoop
# owner: hadoop
# group: supergroup
user::rwx
group::r-x
other::r-x

hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -copyToLocal /bda_hadoop/file.txt /home/hadoop/Desktop
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hadoop fs -mv /bda_hadoop /abc
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hadoop fs -ls /abc
Found 2 items
-rw-r--r-- 1 hadoop supergroup          4 2025-04-15 14:48 /abc/file.txt
-rw-r--r-- 1 hadoop supergroup          4 2025-04-15 14:51 /abc/file_cp_local.txt
```



```
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/file_cp_local.txt
```

```
hey
```

```
hadoop@bmscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -get /bda_hadoop/file.txt /home/hadoop/Downloads/downloaded_file.txt
```

```
hadoop@bnscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hadoop fs -ls /
Found 1 items
drwxr-xr-x   - hadoop supergroup          0 2025-04-15 14:41 /bda_hadoop
hadoop@bnscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hdfs dfs -put /home/hadoop/Desktop/bda_local.txt /bda_hadoop/file.txt
hadoop@bnscecse-HP-Elite-Tower-600-G9-Desktop-PC:~$ hadoop fs -ls /bda_hadoop
Found 1 items
-rw-r--r--   1 hadoop supergroup          4 2025-04-15 14:48 /bda_hadoop/file.txt
```

```
hadoop@bmscecse-HP-Elite-Tower-600-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.
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Starting datanodes
Starting secondary namenodes [bmscecse-HP-Elite-Tower-600-G9-Desktop-PC]
Starting resourcemanager
Starting nodemanagers
```


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HDFS Command in Hadoop file System

- 1) Start hadoop (must be in hduser)
\$ start-all.sh
- 2) Creating a directory inside hadoop - mkdir
\$ hdfs dfs -mkdir /bda-hadoop
- 3) listing all content inside hadoop - ls
\$ hadoop fs -ls /

O/p: Found 1 items

drwxr-xr-x - hadoop supergroup

- 4) Copying files from desktop using put command -
\$ hdfs dfs -put /home/hadoop/Desktop/bda-local.txt/
bda-hadoop/file.txt

- 5) cat command (listing the content of file in hadoop)

\$ hdfs dfs -cat /bda-hadoop/file.txt

- 6) Copying files from local reference using copyfromlocal
-d cmd

\$ hdfs dfs -copyfromlocal /home/hadoop/Desktop/bda-local.txt /bda-hadoop/file cp-local.txt



7) `hdfs dfs -cat /bda-hadoop/file cp-local.txt`

8) get command

`hdfs dfs -get /bda-hadoop/file.txt /home/
hadoop/Downloads/downloaded-file.txt`

9) cannot use getmerge for the files
if both the files are in same (local system)

`hdfs dfs -getmerge /bda-hadoop/ /home/hadoop/
Downloads/merged-output.txt`

10) Display Access control list (ACL) permissions
for a file or directory in HDFS

`& hadoop fs -getfacl /bda-hadoop/`

11) Copy To Local

~~`& had`~~

`& hdfs dfs -copyToLocal /bda-hadoop/file.txt /
home/hadoop/Desktop`

12) mv

`& hadoop fs -mv /bda-hadoop/abc`

13) ls

`& hadoop fs -ls /abc`



13 - copy

\$ hadoop fs -cp /hello/ /hadoop lab

~~13~~

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