

25/04/25

Lab 6 : Hadoop Exercise

→ Start Hadoop

```
$ start-all.sh
```

→ Create directory

```
hdfs dfs -mkdir /bda hadoop
```

→ List contents

```
hadoop fs -ls /
```

→ put - copy from Local to HDFS

```
hdfs dfs -put /home/Desktop/bda local.txt  
/bda-hadoop/file.txt.
```

→ copy from local.

```
hdfs dfs -copyFromLocal /home/Desktop/  
bda local.txt /bda-hadoop/file.txt.
```

→ cat - display file contents

```
hdfs dfs -cat /bda-hadoop/file.txt  
Hello, RMSCC"
```

→ get (download from HDFS)

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



→ getmerge (multiple files)

hdfs dfs -getmerge /bda\_hadoop /file/

→ getfacl

hadoop fs -getfacl /bda\_hadoop/

→ copyToLocal

hdfs dfs -copyToLocal /abc/wc.txt  
/home/Desktop

→ mv (move file / directory)

hadoop fs -mv /bda\_hadoop /abc

getfacl output:

# file : /bda\_hadoop

# owner : hadoop

# group : supergroup

user :: rwx

group :: r-x

other :: r-x

→ ~~cp~~ (copies a file from one directory  
to another directory)

hadoop fs -cp /home/Desktop  
/bda\_hadoop

at 15/4/25