

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 -copy from local /home/Desktop/  
bda-local.txt /bda-hadoop/file.txt
```

→ cat - display file contents.

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

```
hdfs dfs -cat /bda-hadoop/file.txt  
get (download from HDFS)
```

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

→ get merge (multiple files)

```
hdfs dfs -get merge% /bda-hadoop/  
file.txt +
```

→ get fact

hadoop fs -get fact : (bda-hadoop)

→ copy to local.

hdfs dfs -copy to local /abc/wc.txt  
(home/Desktop)

→ mv (move file / directory)

hadoop fs mv /bda-hadoop/abc

get fact 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