

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

-> cat - display file contents

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

```
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

hadoop fs -copy To Local /abc /work
(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 (copy a file from one directory to another directory)

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

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