

Hadoop Operation

Open cmd in Administrative mode and move to “C:/Hadoop/sbin” and start cluster

```
C:\Windows\system32>cd\
```

```
C:\>cd hadoop
```

```
C:\hadoop>cd sbin
```

```
C:\hadoop\sbin>start-all.cmd
```

This script is Deprecated. Instead use start-dfs.cmd and start-yarn.cmd
starting yarn daemons

```
C:\hadoop\sbin>hadoop dfsadmin -safemode leave
```

DEPRECATED: Use of this script to execute hdfs command is deprecated.

Instead use the hdfs command for it.

Safe mode is OFF

Pest any text file in C: Drive (Ex- input_file.txt)

```
C:\hadoop\sbin>cd\
```

```
C:\>hadoop fs -mkdir /inputdata
```

```
C:\>hadoop fs -put c:/input_file.txt /inputdata
```

```
C:\>hadoop fs -ls /inputdata/
```

Found 1 items

```
-rw-r--r--  1 IICS supergroup    1888 2024-12-11 11:16 /inputdata/input_file.txt
```

```
C:\>hadoop dfs -cat /inputdata/input_file.txt
```

Now Pest your MapReduceClient.jar file in C: Drive

```
C:\>hadoop jar C:/MapReduceClient.jar wordcount /inputdata /outputdata
```