## 19BCE248

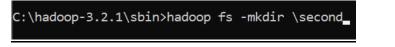
# **Big Data Analytics**

Lab 3

**D2** 

**AIM**: To run various commands of Hadoop

## mkdir:



drwxr-xr-x	Admin	supergroup	0 B	Sep 21 14:50	0	0 B	second	<b></b>

### rm:

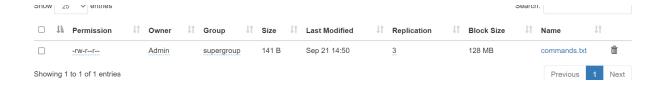
C:\hadoop-3.2.1\sbin>hadoop fs -rm /first/submission.csv
Deleted /first/submission.csv

## rmdir:

C:\hadoop-3.2.1\sbin>hadoop fs -rmdir /first

## put:

C:\hadoop-3.2.1\sbin>hadoop fs -put C:/Users/Admin/OneDrive/Desktop/commands.txt \second\_



### <u>cp:</u>

```
C:\hadoop-3.2.1\sbin> hadoop fs -cp /second/commands.txt /third
2022-09-21 15:48:10,080 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH
ostTrusted = false
2022-09-21 15:48:10,144 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH
ostTrusted = false

-NM-T-F- Admin supergroup 141 B Sep 21 15:48 3 128 MB third
```

## **Executing wordcount:**

```
C:\hadoop-3.2.1\sbin>hadoop jar C:\hadoop-3.2.1\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.1.jar wordcount \se cond\commands.txt \output

2022-09-21 15:13:59,815 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0:8032

2022-09-21 15:14:00,397 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/Admin/.staging/job_1663749946279_0001

2022-09-21 15:14:00,500 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH ostTrusted = false

2022-09-21 15:14:00,610 INFO input.FileInputFormat: Total input files to process: 1

2022-09-21 15:14:00,663 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH ostTrusted = false

2022-09-21 15:14:00,693 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH ostTrusted = false

2022-09-21 15:14:00,709 INFO mapreduce.JobSubmitter: number of splits:1

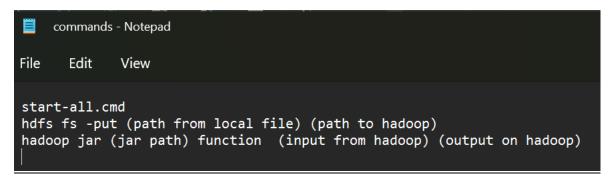
2022-09-21 15:14:00,808 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteH ostTrusted = false

2022-09-21 15:14:00,808 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1663749946279_0001

2022-09-21 15:14:00,829 INFO mapreduce.JobSubmitter: Executing with tokens: []

2022-09-21 15:14:00,012 INFO conf.Configuration: resource-types.xml not found
```

### File for counting:



### **Output:**

```
(input 1
(jar 1
(output 1
(path 2
-put 1
file) 1
from 2
fs 1
function 1
hadoop 1
hadoop) 3
hdfs 1
jar 1
local 1
on 1
path) 1
start-all.cmd 1
to 1
```