LAB-5

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Hadoop Commands

1. mkdir

2. ls

3. put

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /home/hduser/Desktop/6b.txt  /Kusum/WC.txt
22/06/06 14:46:40 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /Kusum/WC.txt
22/06/06 14:47:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hello from 6B

D
B

B
```

4. copyFromLocal

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -put /home/hduser/Desktop/6b.txt  /Kusum/newWC.txt
22/06/06 14:50:45 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -cat /Kusum/newWC.txt
22/06/06 14:50:52 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hello from 6B

D
B

B
```

5. Get

i)

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -get /Kusum/WC.txt /home/hduser/Downloads/newWWC.txt
22/06/06 14:51:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~$ cd Downloads
hduser@bmsce-OptiPlex-3060:~/Downloads$ cat newWWC.txt
hello from 6B

D
B

B
```

ii)

```
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -ls /Kusum/
22/06/06 14:54:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r--   1 hduser supergroup         23 2022-06-06 14:46 /Kusum/WC.txt
-rw-r--r--   1 hduser supergroup         23 2022-06-06 14:50 /Kusum/newWC.txt
hduser@bmsce-OptiPlex-3060:~$ hdfs dfs -getmerge /Kusum/WC.txt /Kusum/newWC.txt /home/hduser/Desktop/newmerge.txt
22/06/06 14:55:18 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~$ cd Desktop
hduser@bmsce-OptiPlex-3060:~/Desktop$ cat newmerge.txt
hello from 6B

D
B

B

hello from 6B

D
B

B
```

iii)

```
hduser@bmsce-OptiPlex-3060:~/Desktop$ hadoop fs -getfacl /Kusum/
22/06/06 14:56:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
# file: /Kusum
# owner: hduser
# group: supergroup
user::rwx
group::r-x
other::r-x
```

6. copyToLocal

```
hduser@bmsce-OptiPlex-3060:~/Desktop$ hdfs dfs -copyToLocal /Kusum/WC.txt /home/hduser/Desktop
22/06/06 14:58:09 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~/Desktop$ cat WC.txt
hello from 6B

D
B

B
```

7. cat

```
hduser@bmsce-OptiPlex-3060:~/Desktop$ hdfs dfs -cat /Kusum/WC.txt
22/06/06 14:58:59 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hello from 6B

D
B

B
```

8. Mv

```
hduser@bmsce-OptiPlex-3060:~/Desktop$ hadoop fs -mv /Kusum /FFF
22/06/06 14:59:46 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~/Desktop$ hadoop fs -ls /FFF
22/06/06 15:00:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
drwxr-xr-x   - hduser supergroup          0 2022-06-06 14:50 /FFF/Kusum
-rw-r--r--   1 hduser supergroup         17 2022-06-04 10:06 /FFF/WC.txt
```

9. cp

```
hduser@bmsce-OptiPlex-3060:~/Desktop$ hadoop fs -cp /FFF/ /LLL
22/06/06 15:09:34 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bmsce-OptiPlex-3060:~/Desktop$ hadoop fs -ls /LLL
22/06/06 15:10:07 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
drwxr-xr-x   - hduser supergroup          0 2022-06-06 15:09 /LLL/Kusum
-rw-r--r--   1 hduser supergroup         17 2022-06-06 15:09 /LLL/WC.txt
hduser@bmsce-OptiPlex-3060:~/Desktop$
```