

From: Madhushree S Shetty madhushree.cs22@bmsce.ac.in  
Subject: BDA Lab- 06 HDFS  
Date: 15 April 2025 at 3:26 PM  
To: Madhushree S Shetty madhushreesetty2003@gmail.com, Jaydev P jaydev.cs22@bmsce.ac.in

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hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~$ cd ./Desktop/
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds.
WARNING: This is not a recommended production deployment configuration.
WARNING: Use CTRL-C to abort.
Starting namenodes on [localhost]
Starting datanodes
Starting secondary namenodes [bmscece-HP-Elite-Tower-800-G9-Desktop-PC]
Starting resourcemanager
Starting nodemanagers
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command [genericOptions] [commandOptions]
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -mkdir /Lab6
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -ls /Hadoop
ls: '/Hadoop': No such file or directory
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -ls /Lab6
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ touch test.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ nano test.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -put ./text.txt /Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -ls /Lab6
Found 1 items
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:23 /Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -cat /Lab6/text.txt
hi how are you
how is your job
how is your family
how is your brother
how is your sister
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -ls /Lab6
Found 1 items
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:23 /Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ nano test.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -put ./test.txt /Lab6/test.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -ls /Lab6
Found 2 items
-rw-r--r-- 1 hadoop supergroup      34 2025-04-15 14:26 /Lab6/test.txt
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:23 /Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -getmerge /Lab6 /text.txt /Lab6 /test.txt ../Downloads/Merged
getmerge: '/text.txt': No such file or directory
getmerge: '/test.txt': No such file or directory
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -getmerge /Lab6/text.txt /Lab6/test.txt ../Downloads/Merged.t
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hadoop fs -getfacl /Lab6
# file: /Lab6
# owner: hadoop
# group: supergroup
user::rwx
group::r-x
other::r-x
```

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hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -copyToLocal /Lab6/text.txt ../Documents
copyToLocal: '/Lab6/text.txt': No such file or directory
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -copyToLocal /Lab6/text.txt ../Documents
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -copyToLocal /Lab6/test.txt ../Documents
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -cat /Lab6/text.txt
hi how are you
how is your job
how is your family
how is your brother
how is your sister
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -mv /Lab6 /test_Lab6
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -ls /test_Lab6
Found 2 items
-rw-r--r-- 1 hadoop supergroup      34 2025-04-15 14:26 /test_Lab6/test.txt
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:23 /test_Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -cp /test_Lab6/ /Lab6
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -ls /Lab6
Found 2 items
-rw-r--r-- 1 hadoop supergroup      34 2025-04-15 14:31 /Lab6/test.txt
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:31 /Lab6/text.txt
hadoop@bmscece-HP-Elite-Tower-800-G9-Desktop-PC:~/Desktop$ hdfs dfs -ls /test_Lab6
Found 2 items
-rw-r--r-- 1 hadoop supergroup      34 2025-04-15 14:26 /test_Lab6/test.txt
-rw-r--r-- 1 hadoop supergroup      89 2025-04-15 14:23 /test_Lab6/text.txt
```