```
hduser@bmsce-Precision-T1700:~$ su hduser
Password:
hduser@bmsce-Precision-T1700:~$ cd/
bash: cd/: No such file or directory
hduser@bmsce-Precision-T1700:~$ cd..
cd..: command not found
hduser@bmsce-Precision-T1700:~$ cd /
hduser@bmsce-Precision-T1700:/$ cd /usr/local/hadoop/sbin
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
hduser@localhost's password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-hduser-namenode-bmsce-Precision-T1700.out
hduser@localhost's password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-hduser-datanode-bmsce-Precision-T1700.out
Starting secondary namenodes [0.0.0.0]
hduser@0.0.0.0's password:
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-hduser-secondarynamenode-bmsce-Precision-T1700.out
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-hduser-resourcemanager-bmsce-Precision-T1700.out
hduser@localhost's password:
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-hduser-nodemanager-bmsce-Precision-T1700.out
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ jps
7888 Jps
7058 DataNode
7765 NodeManager
6887 NameNode
7431 ResourceManager
7272 SecondaryNameNode
5306 org.eclipse.equinox.launcher_1.5.600.v20191014-2022.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ cat sample.txt
cat: sample.txt: No such file or directory
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -ls /
Found 14 items
drwxr-xr-x   - hduser supergroup          0 2022-06-06 12:15 /FFF
-rw-r--r--   1 hduser supergroup         24 2022-06-06 12:12 /LLL
-rw-r--r--   1 hduser supergroup         10 2022-06-04 10:14 /bmsce
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:16 /ddd
drwxr-xr-x   - hduser supergroup          0 2022-05-31 09:45 /ff
drwxr-xr-x   - hduser supergroup          0 2022-06-06 15:15 /harshitha
drwxr-xr-x   - hduser supergroup          0 2022-06-06 15:01 /himani
drwxr-xr-x   - hduser supergroup          0 2022-06-01 15:22 /j
drwxr-xr-x   - hduser supergroup          0 2022-06-14 10:39 /rgs
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:45 /shyam
drwxr-xr-x   - hduser supergroup          0 2022-05-31 09:57 /ss
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:36 /sss
drwxrwxrwx   - hduser supergroup          0 2019-08-01 16:19 /tmp
drwxr-xr-x   - hduser supergroup          0 2019-08-01 16:03 /user
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -mkdir /chethana
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -ls /
Found 15 items
drwxr-xr-x   - hduser supergroup          0 2022-06-06 12:15 /FFF
-rw-r--r--   1 hduser supergroup         24 2022-06-06 12:12 /LLL
-rw-r--r--   1 hduser supergroup         10 2022-06-04 10:14 /bmsce
```

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drwxrwxr-x   - hduser supergroup          0 2019-08-01 16:19 /tmp
drwxr-xr-x   - hduser supergroup          0 2019-08-01 16:03 /user
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -mkdir /chethana
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -ls /
Found 15 items
drwxr-xr-x   - hduser supergroup          0 2022-06-06 12:15 /FFF
-rw-r--r--   1 hduser supergroup         24 2022-06-06 12:12 /LLL
-rw-r--r--   1 hduser supergroup         10 2022-06-04 10:14 /bmsce
drwxr-xr-x   - hduser supergroup          0 2022-06-15 15:11 /chethana
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:16 /ddd
drwxr-xr-x   - hduser supergroup          0 2022-05-31 09:45 /ff
drwxr-xr-x   - hduser supergroup          0 2022-06-06 15:15 /harshitha
drwxr-xr-x   - hduser supergroup          0 2022-06-06 15:01 /himani
drwxr-xr-x   - hduser supergroup          0 2022-06-01 15:22 /j
drwxr-xr-x   - hduser supergroup          0 2022-06-14 10:39 /rgs
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:45 /shyam
drwxr-xr-x   - hduser supergroup          0 2022-05-31 09:57 /ss
drwxr-xr-x   - hduser supergroup          0 2022-06-03 12:36 /sss
drwxrwxr-x   - hduser supergroup          0 2019-08-01 16:19 /tmp
drwxr-xr-x   - hduser supergroup          0 2019-08-01 16:03 /user
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal D:/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal /sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt

^Z
[1]+  Stopped                 gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt
Failed to register: Timeout was reached
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal D:/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
[1]+  Killed                  gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal /home/hduser/desktop/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromLocal /home/hduser/desktop/sample.txt /chethana/test.txt
copyFromLocal: '/home/hduser/desktop/sample.txt': No such file or directory
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromLocal /home/hduser/Desktop/sample.txt /chethana/test.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ haddop jar /home/hduser/Desktop/wordCount.jar wordCount /chethana/test.txt /tt
haddop: command not found
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/wordCount.jar wordCount /chethana/test.txt /tt
Exception in thread "main" java.lang.ClassNotFoundException: wordCount
        at java.net.URLClassLoader.findClass(URLClassLoader.java:382)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:418)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:351)
        at java.lang.Class.forName0(Native Method)
        at java.lang.Class.forName(Class.java:348)
```

```
drwxr-xr-x   - hduser supergroup        0 2022-05-31 09:57 /ss
drwxr-xr-x   - hduser supergroup        0 2022-06-03 12:36 /sss
drwxrwxr-x   - hduser supergroup        0 2019-08-01 16:19 /tmp
drwxr-xr-x   - hduser supergroup        0 2019-08-01 16:03 /user
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal D:/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal /sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt

^Z
[1]+  Stopped                 gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ gedit sample.txt
Failed to register: Timeout was reached
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal D:/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
[1]+  Killed                  gedit sample.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromlocal /home/hduser/desktop/sample.txt /chethana/test.txt
-copyFromlocal: Unknown command
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromLocal /home/hduser/desktop/sample.txt /chethana/test.txt
copyFromLocal: `/home/hduser/desktop/sample.txt': No such file or directory
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -copyFromLocal /home/hduser/Desktop/sample.txt /chethana/test.txt
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/Jwordcount.jar WCDriver input output
Not a valid JAR: /home/hduser/Desktop/Jwordcount.jar
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ haddop jar /home/hduser/Desktop/wordCount.jar wordCount /chethana/test.txt /tt
haddop: command not found
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/wordCount.jar wordCount /chethana/test.txt /tt
Exception in thread "main" java.lang.ClassNotFoundException: wordCount
        at java.net.URLClassLoader.findClass(URLClassLoader.java:382)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:418)
        at java.lang.ClassLoader.loadClass(ClassLoader.java:351)
        at java.lang.Class.forName0(Native Method)
        at java.lang.Class.forName(Class.java:348)
        at org.apache.hadoop.util.RunJar.run(RunJar.java:214)
        at org.apache.hadoop.util.RunJar.main(RunJar.java:136)
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop jar /home/hduser/Desktop/wordCount.jar wordCount.WCDriver /chethana/test.txt /tt
22/06/15 15:43:11 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session-id
22/06/15 15:43:11 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=
22/06/15 15:43:11 INFO jvm.JvmMetrics: Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized
22/06/15 15:43:11 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with
22/06/15 15:43:11 INFO mapred.FileInputFormat: Total input paths to process : 1
22/06/15 15:43:11 INFO mapreduce.JobSubmitter: number of splits:1
22/06/15 15:43:11 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local1007485277_0001
22/06/15 15:43:11 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
22/06/15 15:43:11 INFO mapred.LocalJobRunner: OutputCommitter set in config null
22/06/15 15:43:11 INFO mapreduce.Job: Running job: job_local1007485277_0001
22/06/15 15:43:11 INFO mapred.LocalJobRunner: OutputCommitter is org.apache.hadoop.mapred.FileOutputCommitter
22/06/15 15:43:11 INFO mapred.LocalJobRunner: Waiting for map tasks
22/06/15 15:43:11 INFO mapred.LocalJobRunner: Starting task: attempt_local1007485277_0001_m_000000_0
22/06/15 15:43:11 INFO mapred.Task:  Using ResourceCalculatorProcessTree : [ ]
22/06/15 15:43:11 INFO mapred.MapTask: Processing split: hdfs://localhost:54310/chethana/test.txt:0+89
22/06/15 15:43:11 INFO mapred.MapTask: numReduceTasks: 1
```

```
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=4
        Map-Reduce Framework
                Map input records=5
                Map output records=84
                Map output bytes=504
                Map output materialized bytes=678
                Input split bytes=92
                Combine input records=0
                Combine output records=0
                Reduce input groups=17
                Reduce shuffle bytes=678
                Reduce input records=84
                Reduce output records=17
                Spilled Records=168
                Shuffled Maps =1
                Failed Shuffles=0
                Merged Map outputs=1
                GC time elapsed (ms)=2
                CPU time spent (ms)=0
                Physical memory (bytes) snapshot=0
                Virtual memory (bytes) snapshot=0
                Total committed heap usage (bytes)=472907776
        Shuffle Errors
                BAD_ID=0
                CONNECTION=0
                IO_ERROR=0
                WRONG_LENGTH=0
                WRONG_MAP=0
                WRONG_REDUCE=0
        File Input Format Counters
                Bytes Read=89
        File Output Format Counters
                Bytes Written=70
0
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -cat /output/part-00000
cat: '/output/part-00000': No such file or directory
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ hadoop fs -cat /tt/part-00000
        15
a       2
b       2
e       3
f       1
h       7
i       7
j       1
l       1
m       1
o       12
r       8
s       6
t       2
u       5
w       5
y       6
hduser@bmsce-Precision-T1700:/usr/local/hadoop/sbin$ 9
```