Start the Hadoop:

```
hduser@student-ThinkCentre-M700:~$ start-dfs.sh
Starting namenodes on [localhost]
Starting datanodes
Starting secondary namenodes [student-ThinkCentre-M700]
2025-03-18 13:43:36,441 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable

hduser@student-ThinkCentre-M700:~$ start-yarn.sh
Starting resourcemanager
Starting nodemanagers

hduser@student-ThinkCentre-M700:~$ jps
5169 SecondaryNameNode
5474 ResourceManager
4996 DataNode
4854 NameNode
5946 Jps
5614 NodeManager


hduser@student-ThinkCentre-M700:~$ hdfs dfs -ls /
2025-03-18 13:46:50,519 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
Found 3 items
drwxr-xr-x   - hduser supergroup          0 2024-05-09 12:39
/Adi14
drwxrwxrwx   - hduser supergroup          0 2023-04-24 13:46
/tmp
drwxr-xr-x   - hduser supergroup          0 2023-04-24 13:46
/user
hduser@student-ThinkCentre-M700:~$ hdfs dfs -mkdir / teit


hduser@student-ThinkCentre-M700:~$ hdfs dfs -mkdir /teit
2025-03-18 13:48:34,775 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable


hduser@student-ThinkCentre-M700:~$ hdfs dfs -put
/home/hduser/DS-BDA/test.txt /teit/
```

```
2025-03-18 13:56:41,100 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable


hduser@student-ThinkCentre-M700:~$ hdfs dfs -appendToFile
/home/hduser/DS-BDA/test2.txt /teit/test.txt
2025-03-18 14:05:26,456 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable


hduser@student-ThinkCentre-M700:~$ hdfs dfs -cat /teit/test.txt
2025-03-18 14:08:59,306 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
Hello everyone welcome to hadoop
My name is Vidyasagar Anil Jalkote


hduser@student-ThinkCentre-M700:~$ hdfs dfs -get /teit/test.txt/
/home/hduser
2025-03-18 14:13:42,588 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable


duser@student-ThinkCentre-M700:~$ hdfs dfs -copyFromLocal
/home/hduser/DS-BDA/test2.txt /teit/
2025-03-18 14:16:34,662 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable

hduser@student-ThinkCentre-M700:~$ hdfs dfs -copyToLocal
/teit/test2.txt/ /home/hduser
2025-03-18 14:19:42,106 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable

hduser@student-ThinkCentre-M700:~$ hdfs dfs -mv /teit/ /seit/
2025-03-18 14:22:41,618 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable

hduser@student-ThinkCentre-M700:~$ hdfs dfs -mv
/seit/teit/test.txt/ /seit/
```

```
2025-03-18 14:24:06,661 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable


hduser@student-ThinkCentre-M700:~$ hdfs dfs -count /seit/teit/
2025-03-18 14:28:38,870 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
           1           1                 35 /seit/teit

hduser@student-ThinkCentre-M700:~$ hdfs dfs -head
/seit/teit/test2.txt/
2025-03-18 14:33:41,691 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
My name is Vidyasagar Anil Jalkote

hduser@student-ThinkCentre-M700:~$ hdfs dfs -tail
/seit/teit/test2.txt/
2025-03-18 14:34:46,473 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
My name is Vidyasagar Anil Jalkote



hduser@student-ThinkCentre-M700:~$ hdfs dfs -stat
/seit/teit/test2.txt/
2025-03-18 14:36:51,600 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
2025-03-18 08:46:35


hduser@student-ThinkCentre-M700:~$ hdfs dfs -touch
/seit/teit/test2.txt/
2025-03-18 14:38:22,482 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable

hduser@student-ThinkCentre-M700:~$ hdfs dfs -touch
/seit/teit/vaj.txt
2025-03-18 14:39:54,598 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
```

```
hduser@student-ThinkCentre-M700:~$ hdfs dfs -rm
/seit/teit/vaj.txt
2025-03-18 14:42:48,122 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
Deleted /seit/teit/vaj.txt

hduser@student-ThinkCentre-M700:~$ hdfs dfs -rmdir /seit/teit/
2025-03-18 14:46:02,694 WARN util.NativeCodeLoader: Unable to
load native-hadoop library for your platform... using builtin-
java classes where applicable
-------------------------------------------------------------

hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -ls /teit
Found 2 items
-rw-r--r--   1 hadoop supergroup        0 2025-04-21 14:26
/teit/test1.txt
-rw-r--r--   1 hadoop supergroup        0 2025-04-21 14:26
/teit/test2.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -ls /teit/test1.txt
-rw-r--r--   1 hadoop supergroup        0 2025-04-21 14:26
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -chown pvg
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -ls /teit/test1.txt
-rw-r--r--   1 pvg supergroup       0 2025-04-21 14:26
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -chmod 744
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -ls /teit/test1.txt
-rwxr--r--   1 pvg supergroup       0 2025-04-21 14:26
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -chmod 444
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$ hdfs dfs -ls /teit/test1.txt
-r--r--r--   1 pvg supergroup       0 2025-04-21 14:26
/teit/test1.txt
hadoop@pvg:~/Desktop/DSBDA/ipcount$


-------------------------------------------------------------
```