

```
bmsce@bmsce-Precision-T1700:~$ sudo su hduser
[sudo] password for bmsce:
hduser@bmsce-Precision-T1700:/home/bmsce$ 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: namenode running as process 6691. Stop it first.
hduser@localhost's password:
localhost: datanode running as process 6951. Stop it first.
Starting secondary namenodes [0.0.0.0]
hduser@0.0.0.0's password:
0.0.0.0: secondarynamenode running as process 7329. Stop it first.
starting yarn daemons
resourcemanager running as process 7490. Stop it first.
hduser@localhost's password:
localhost: nodemanager running as process 8817. Stop it first.
hduser@bmsce-Precision-T1700:/home/bmsce$ jps
7329 SecondaryNameNode
8817 NodeManager
7490 ResourceManager
6691 NameNode
6951 DataNode
10188 Jps
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -mkdir prathiksha
hduser@bmsce-Precision-T1700:/home/bmsce$ hdfs dfs -ls /
Found 3 items
drwxr-xr-x - hduser supergroup      0 2022-05-31 09:42 /prathiksha
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:/$ cd ~/Desktop
hduser@bmsce-Precision-T1700:~/Desktop$ vi abc.txt
hduser@bmsce-Precision-T1700:~/Desktop$ cd ..
hduser@bmsce-Precision-T1700:~$ hdfs dfs -put ~/Desktop/abc.txt /prathiksha/first.txt
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /prathiksha
Found 1 items
-rw-r--r--  1 hduser supergroup      13 2022-05-31 10:01 /prathiksha/first.txt
```

```
hduser@bmsce-Precision-T1700:~$ vi ~/Desktop/welcome.txt
hduser@bmsce-Precision-T1700:~$ hdfs dfs -copyFromLocal ~/Desktop/welcome.txt
/prathiksha/welcome.txt
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /prathiksha
Found 2 items
-rw-r--r--  1 hduser supergroup      13 2022-05-31 10:01 /prathiksha/first.txt
-rw-r--r--  1 hduser supergroup      24 2022-05-31 10:06 /prathiksha/welcome.txt
```

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -get /prathiksha/welcome.txt ~/Downloads/first.txt

**hduser@bmsce-Precision-T1700:~\$** cat ~/Downloads/first.txt

hi hello how you doing?

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -copyToLocal /prathiksha/first.txt ~/Downloads/123.txt

**hduser@bmsce-Precision-T1700:~\$** cat ~/Downloads/123.txt

abc def ghi

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -cat /prathiksha/first.txt

abc def ghi

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -mkdir /ABC

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -cp /prathiksha /ABC

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -ls /ABC

Found 1 items

drwxr-xr-x	- hduser supergroup	0	2022-05-31 10:16	/ABC/prathiksha
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**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -cp /prathiksha /DEF

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -ls /DEF

Found 2 items

-rw-r--r--	1 hduser supergroup	13	2022-05-31 10:17	/DEF/first.txt
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-rw-r--r--	1 hduser supergroup	24	2022-05-31 10:17	/DEF/welcome.txt
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**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -mv /prathiksha /GHI

**hduser@bmsce-Precision-T1700:~\$** hdfs dfs -ls /

Found 5 items

drwxr-xr-x	- hduser supergroup	0	2022-05-31 10:16	/ABC
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drwxr-xr-x	- hduser supergroup	0	2022-05-31 10:17	/DEF
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drwxr-xr-x	- hduser supergroup	0	2022-05-31 10:06	/GHI
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drwxrwxr-x	- hduser supergroup	0	2019-08-01 16:19	/tmp
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drwxr-xr-x	- hduser supergroup	0	2019-08-01 16:03	/user
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