1. sudo service ssh start
2. ssh localhost
3. cd Hadoop-3.4.1/
4. bin/hdfs namenode -format
5. sbin/start-all.sh [To start all Hadoop daemons]
6. jps [To check if all deamons have started properly]
7. go to browser -> localhost:9870 -> utilities -> browse your file system
8. hdfs dfs -mkdir /user
9. hdfs dfs -mkdir /user/Sucheta [home directory]
10. hdfs dfs -mkdir /user/Sucheta/dir1
11. hdfs dfs -ls / [Lists all the root directories]
12. hdfs dfs -ls [Lists all the directories/files under the home directory]
13. hdfs dfs -touchz /user/sucheta/dir1/file1.txt [ Creates an empty file]
14. hdfs dfs -chmod +rwx /user/sucheta/dir1/file1.txt [Change read/write/excute mode for owner,group,others.

**Copying a file from one hdfs directory to another hdfs directory: [dir1 to dir3]**

1. hdfs dfs -cp /user/sucheta/dir1/nasa.txt /user/sucheta/dir3

hdfs dfs -cp path of the file u want to copy [space] path where u want to copy

**Moving a file from one hdfs directory to another hdfs directory: [dir1 to dir4]**

1. hdfs dfs -mv /user/sucheta/dir1/nasa.txt /user/sucheta/dir4

**Copying local files into hdfs directory:**

1. sudo rm -r /tmp/\*
2. bin/hdfs namenode -format
3. sbin/start-all.sh
4. cd /mnt/c/hadoop
5. ls [Lists the files /directories under hadoop directory]
6. cat nasa.txt [Displays the content of the file]
7. hdfs dfs -copyFromLocal nameof the file(wordsworth.txt) path where u want to copy(/user/Sucheta/dir4)

**Moving local files into hdfs directory:**

1. Cd /mnt/c/hadoop
2. Cat filename.txt
3. Hdfs dfs -moveFromLocal name of the file path where u want to copy the file

To check the disk usage of files and folders under home directory

1. hdfs dfs -du

To check the disk usage of files and folders under root directory

1. hdfs dfs -du /

To check the data and time of creation of a directory

1. hdfs dfs -stat /new\_user

To set the default replication factor:

Hdfs dfs -setrep -R 6 /user/Sucheta/dir4

To delete a file/folder

hdfs dfs -rm -r /user/sucheta/dir3