HDFS Basic commands

In Linux

```
ls                  //list out the files

ls *.txt            //list out all the text file

gedit testfile.txt &            // create a text file in linux

or

cat>>testfile.txt     // this also create a new file within terminal
                              itself

pwd             // present working directory
```

In Hadoop:

```
hadoop fs -ls /            // list out the files in hadoop

or

hdfs dfs -ls /             // list out the files in Hadoop

hdfs dfs -ls /bigdata      // list out the files in bigdata directory


hadoop fs -mkdir /bigdata     //creating a new directory


hdfs dfs -touchz /bigdata/bigdatasample.txt    //create a file in Hadoop


hdfs dfs -copyFromLocal /home/cloudera/sample.txt /bigdata
    // copy a file linux to Hadoop


hdfs dfs -copyToLocal /bigdata/bigdatasample.txt /home/cloudera
      // copy a file from Hadoop to linux


hdfs dfs -put sample1.txt /bigdata

// equivalent command of copyFromLocal

hdfs dfs -get /bigdata/sampledata.txt /home/cloudera

//// equivalent command of copyToLocal


jps  //java process:show you hdfs components


hdfs fsck /        //check the health of hdfs
```

```
hdfs dfs -du -s /bigdata/sampledata.txt     // check the file size


hdfs dfs -appendToFile  - /bigdata/sampledata.txt
    // add some contents to the existing file
```