在hdfs创建文件夹

hdfs dfs -mkdir -p /user/topplus/input

上传文件到HDFS

hdfs dfs -put wcinput/wc.input /user/topplus/input

查看文件是否上传成功

```
hdfs dfs -ls   /user/topplus/input/
hdfs dfs -cat   /user/topplus/input/wc.input
```

格式化NameNode（第一次启动时格式化，以后就不要总格式化）
 bin/hdfs namenode -format
启动NameNode
 sbin/hadoop-daemon.sh start namenode
启动DataNode
 sbin/hadoop-daemon.sh start datanode

查看启动服务
jps

查看HADOOP磁盘使用情况
hadoop dfsadmin -report

```
root@hadoop:/opt/module/hadoop-3.1.2# hadoop dfsadmin -report
WARNING: Use of this script to execute dfsadmin is deprecated.
WARNING: Attempting to execute replacement "hdfs dfsadmin" instead.

Safe mode is ON
Configured Capacity: 0 (0 B)
Present Capacity: 0 (0 B)
DFS Remaining: 0 (0 B)
DFS Used: 0 (0 B)
DFS Used%: 0.00%
Replicated Blocks:
        Under replicated blocks: 0
        Blocks with corrupt replicas: 0
        Missing blocks: 0
        Missing blocks (with replication factor 1): 0
        Low redundancy blocks with highest priority to recover: 0
        Pending deletion blocks: 0
Erasure Coded Block Groups:
        Low redundancy block groups: 0
        Block groups with corrupt internal blocks: 0
        Missing block groups: 0
        Low redundancy blocks with highest priority to recover: 0
        Pending deletion blocks: 0
```

Configured Capacity:	499.72 GB
Configured Remote Capacity:	0 B
DFS Used:	24 KB (0%)
Non DFS Used:	22.57 GB
DFS Remaining:	451.74 GB (90.4%)
Block Pool Used:	24 KB (0%)
DataNodes usages% (Min/Median/Max/stdDev):	0.00% / 0.00% / 0.00% / 0.00%
Live Nodes	1 (Decommissioned: 0, In Maintenance: 0)
Dead Nodes	0 (Decommissioned: 0, In Maintenance: 0)
Decommissioning Nodes	0
Entering Maintenance Nodes	0
Total Datanode Volume Failures	0 (0 B)
Number of Under-Replicated Blocks	0
Number of Blocks Pending Deletion	0
Block Deletion Start Time	Thu Aug 01 11:16:38 +0800 2019
Last Checkpoint Time	Thu Aug 01 11:14:52 +0800 2019