chosun@chosun-VirtualBox:~/hadoop$

/// ****************************************************** ///

HomeWorkEX6_4.jar은 키에 해당하는 값 검색하는 jar파일

/// ****************************************************** ///

chosun@chosun-VirtualBox:~/hadoop$ ls

1987.csv    HomeWorkEX6_1.jar    HomeWorkEX6_5.jar    NOTICE.txt    c++    docs    hadoop-examples-1.2.1.jar    input.txt    libexec

share    2007.csv    HomeWorkEX6_2.jar    LICENSE.txt    README.txt    conf    hadoop-ant-1.2.1.jar    hadoop-minicluster-1.2.1.jar    ivy

logs    src    2008.csv    HomeWorkEX6_3.jar    MyMy.jar    bin    contrib    hadoop-client-1.2.1.jar    hadoop-test-1.2.1.jar    ivy.xml    pids

webapps    CHANGES.txt    HomeWorkEX6_4.jar    MyMyMy.jar    build.xml    dataexpo    hadoop-core-1.2.1.jar    hadoop-tools-1.2.1.jar

lib    sbin    wordcount_output

chosun@chosun-VirtualBox:~/hadoop$

chosun@chosun-VirtualBox:~/hadoop$

/// ****************************************************** ///

jar 파일 실행

HW_Mapfile 디렉토리의 파일을 jar파일로 처리한 것을 출력

SearchValueList는 클래스 이름

/// ****************************************************** ///

chosun@chosun-VirtualBox:~/hadoop$ hadoop jar HomeWorkEX6_4.jar SearchValueList HW_Mapfile 100

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/chosun/hadoop-1.2.1/

hadoop-core-1.2.1.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

Exception in thread "main" java.io.FileNotFoundException: File does not exist: hdfs://localhost:9000/user/chosun/HW_Mapfile/_SUCCESS/data

        at org.apache.hadoop.hdfs.DistributedFileSystem.getFileStatus(DistributedFileSystem.java:558)

        at org.apache.hadoop.fs.FileSystem.getLength(FileSystem.java:816)

        at org.apache.hadoop.io.SequenceFile$Reader.<init>(SequenceFile.java:1479)

        at org.apache.hadoop.io.SequenceFile$Reader.<init>(SequenceFile.java:1474)

        at org.apache.hadoop.io.MapFile$Reader.createDataFileReader(MapFile.java:302)

        at org.apache.hadoop.io.MapFile$Reader.open(MapFile.java:284)

        at org.apache.hadoop.io.MapFile$Reader.<init>(MapFile.java:273)

        at org.apache.hadoop.io.MapFile$Reader.<init>(MapFile.java:260)

        at org.apache.hadoop.io.MapFile$Reader.<init>(MapFile.java:253)

        at org.apache.hadoop.mapred.MapFileOutputFormat.getReaders(MapFileOutputFormat.java:93)

        at SearchValueList.run(SearchValueList.java:29)

        at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:65)

        at SearchValueList.main(SearchValueList.java:20)

        at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

        at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

        at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

        at java.base/java.lang.reflect.Method.invoke(Method.java:566)

        at org.apache.hadoop.util.RunJar.main(RunJar.java:160)

chosun@chosun-VirtualBox:~/hadoop$

chosun@chosun-VirtualBox:~/hadoop$

chosun@chosun-VirtualBox:~/hadoop$

/// ****************************************************** ///

에러 >>> HW_Mapfile 로그 파일 삭제 >>> 운항 거리 100마일인 상위 데이터 10개만 확인

/// ****************************************************** ///

chosun@chosun-VirtualBox:~/hadoop$ hadoop fs -rmr HW_Mapfile/_*

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/chosun/hadoop-1.2.1/

hadoop-core-1.2.1.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

Deleted hdfs://localhost:9000/user/chosun/HW_Mapfile/_SUCCESS

Deleted hdfs://localhost:9000/user/chosun/HW_Mapfile/_logs

chosun@chosun-VirtualBox:~/hadoop$

chosun@chosun-VirtualBox:~/hadoop$

chosun@chosun-VirtualBox:~/hadoop$

```
chosun@chosun-VirtualBox:~/hadoop$ hadoop jar HomeWorkEX6_4.jar SearchValueList HW_Mapfile 100 | head -10
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/chosun/hadoop-1.2.1/
hadoop-core-1.2.1.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
19/04/30 02:22:34 INFO util.NativeCodeLoader: Loaded the native-hadoop library
19/04/30 02:22:34 INFO zlib.ZlibFactory: Successfully loaded & initialized native-zlib library
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
19/04/30 02:22:34 INFO compress.CodecPool: Got brand-new decompressor
2008,1,29,2,1735,1740,1807,1814,HA,545,N477HA,32,34,22,-7,-5,OGG,HNL,100,5,5,0,,0,NA,NA,NA,NA,NA
2008,1,30,3,1740,1740,1815,1814,HA,545,N477HA,35,34,22,1,0,OGG,HNL,100,7,6,0,,0,NA,NA,NA,NA,NA
2008,1,31,4,1737,1740,1809,1814,HA,545,N484HA,32,34,22,-5,-3,OGG,HNL,100,5,5,0,,0,NA,NA,NA,NA,NA
2008,1,1,2,1629,1635,1705,1712,HA,546,N479HA,36,37,22,-7,-6,HNL,OGG,100,5,9,0,,0,NA,NA,NA,NA,NA
2008,1,2,3,1630,1635,1709,1712,HA,546,N481HA,39,37,24,-3,-5,HNL,OGG,100,4,11,0,,0,NA,NA,NA,NA,NA
2008,1,3,4,1629,1635,1708,1712,HA,546,N481HA,39,37,24,-4,-6,HNL,OGG,100,5,10,0,,0,NA,NA,NA,NA,NA
2008,1,4,5,1632,1635,1710,1712,HA,546,N487HA,38,37,23,-2,-3,HNL,OGG,100,7,8,0,,0,NA,NA,NA,NA,NA
2008,1,5,6,1627,1635,1701,1712,HA,546,N484HA,34,37,22,-11,-8,HNL,OGG,100,5,7,0,,0,NA,NA,NA,NA,NA
2008,1,6,7,1632,1635,1706,1712,HA,546,N479HA,34,37,20,-6,-3,HNL,OGG,100,6,8,0,,0,NA,NA,NA,NA,NA
2008,1,7,1,1630,1635,1705,1712,HA,546,N479HA,35,37,21,-7,-5,HNL,OGG,100,5,9,0,,0,NA,NA,NA,NA,NA
chosun@chosun-VirtualBox:~/hadoop$
chosun@chosun-VirtualBox:~/hadoop$
chosun@chosun-VirtualBox:~/hadoop$
```