

## OUTPUTS:

```
hdp123@stud-OptiPlex-3060: ~/analyzezlogs

hdp123@stud-OptiPlex-3060:~$ su - hdp123
Password:
/usr/lib/xorg/Xorg.wrap: Only console users are allowed to run the X server
hdp123@stud-OptiPlex-3060:~$ sudo mkdir analyzezlogs
[sudo] password for hdp123:
hdp123@stud-OptiPlex-3060:~$ ls
analyzezlogs  Documents  Music      Public  Templates
Desktop       Downloads  Pictures   snap    Videos
hdp123@stud-OptiPlex-3060:~$ sudo chmod -R 777 analyzezlogs/
hdp123@stud-OptiPlex-3060:~$ cd
hdp123@stud-OptiPlex-3060:~$ ls
analyzezlogs  Documents  Music      Public  Templates
Desktop       Downloads  Pictures   snap    Videos
hdp123@stud-OptiPlex-3060:~$ cd..
cd..: command not found
hdp123@stud-OptiPlex-3060:~$ cd ..
hdp123@stud-OptiPlex-3060:~/home$ ls
hdp123  hdp1234  stud
hdp123@stud-OptiPlex-3060:~/home$ cd
hdp123@stud-OptiPlex-3060:~$ pwd
/home/hdp123
hdp123@stud-OptiPlex-3060:~$ sudo chown -R hdp123 analyzezlogs/
hdp123@stud-OptiPlex-3060:~$ cd
hdp123@stud-OptiPlex-3060:~$ ls
analyzezlogs  Documents  Music      Public  Templates
Desktop       Downloads  Pictures   snap    Videos
hdp123@stud-OptiPlex-3060:~$ cd analyzezlogs/
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ cd ..
hdp123@stud-OptiPlex-3060:~$ sudo cp /home/hdp123/Desktop/Assignment 1B/* ~/analyzezlogs/
cp: cannot stat '/home/hdp123/Desktop/Assignment': No such file or directory
cp: cannot stat '1B/*': No such file or directory
hdp123@stud-OptiPlex-3060:~$ sudo cp /home/hdp123/Desktop/Assignment_1B/* ~/analyzezlogs/
hdp123@stud-OptiPlex-3060:~$ cd analyzezlogs
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  access_log_short.txt  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ pwd
/home/hdp123/analyzezlogs

hdp123@stud-OptiPlex-3060:~/analyzezlogs$ pwd
/home/hdp123/analyzezlogs
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls -ltr
total 308
-rwxr-xr-x 1 root root 659 Apr 11 15:40 SalesMapper.java
-rwxr-xr-x 1 root root 749 Apr 11 15:40 SalesCountryReducer.java
-rwxr-xr-x 1 root root 1367 Apr 11 15:40 SalesCountryDriver.java
-rwxr-xr-x 1 root root 143084 Apr 11 15:40 access_log_short.txt
-rwxr-xr-x 1 root root 158662 Apr 11 15:40 access_log_short.csv
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls -al
total 316
drwxrwxrwx 2 hdp123 root 4096 Apr 11 15:40 .
drwxr-x--- 17 hdp123 hadoop123 4096 Apr 11 15:30 ..
-rwxr-xr-x 1 root root 158662 Apr 11 15:40 access_log_short.csv
-rwxr-xr-x 1 root root 143084 Apr 11 15:40 access_log_short.txt
-rwxr-xr-x 1 root root 1367 Apr 11 15:40 SalesCountryDriver.java
-rwxr-xr-x 1 root root 749 Apr 11 15:40 SalesCountryReducer.java
-rwxr-xr-x 1 root root 659 Apr 11 15:40 SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ sudo chmod +r *.*
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ pwd
/home/hdp123/analyzezlogs
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ export CLASSPATH="/$SHADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-core-2.9.0.jar:$SHADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-common-2.9.0.jar:$SHADOOP_HOME/share/hadoop/common/hadoop-common-2.9.0.jar:~/analyzezlogs/SalesCountry/*:$SHADOOP_HOME/lib/*"
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ javac -d SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
error: not a directory: SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
```

```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
symbol: variable FileOutputFormat
location: class SalesCountryDriver
SalesCountryDriver.java:33: error: cannot find symbol
    FileOutputFormat.setOutputPath(job_conf, new Path(args[1]));
    ^
symbol: variable FileOutputFormat
location: class SalesCountryDriver
SalesCountryDriver.java:38: error: cannot find symbol
    JobClient.runJob(job_conf);
    ^
symbol: variable JobClient
location: class SalesCountryDriver
54 errors
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH=`hadoop classpath`.:
hdp123@stud-OptiPlex-3060:~/analyzelogs$ echo $CLASSPATH
/usr/local/hadoop/etc/hadoop:/usr/local/hadoop/share/hadoop/common/lib/*:/usr/local/hadoop/share/hadoop/common/*:/usr/local/hadoop/share/hadoop/p/hdfs:/usr/local/hadoop/share/hadoop/hdfs/lib/*:/usr/local/hadoop/share/hadoop/hdfs/*:/usr/local/hadoop/share/hadoop/yarn:/usr/local/hadoop/s
hare/hadoop/yarn/lib/*:/usr/local/hadoop/share/hadoop/yarn/*:/usr/local/hadoop/share/hadoop/mapreduce/lib/*:/usr/local/hadoop/share/hadoop/map
reduce/*:/usr/local/hadoop/contrib/capacity-scheduler/*.jar.:
hdp123@stud-OptiPlex-3060:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv  access_log_short.txt  SalesCountry  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ cd SalesCountry/
hdp123@stud-OptiPlex-3060:~/analyzelogs/SalesCountry$ ls
SalesCountryDriver.class  SalesCountryReducer.class  SalesMapper.class
hdp123@stud-OptiPlex-3060:~/analyzelogs/SalesCountry$ cd ..
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo gedit Manifest.txt
[sudo] password for hdp123:

(gedit:7649): Gtk-WARNING **: 16:17:25.583: cannot open display:
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo gedit -s Manifest.txt

(gedit:7660): Gtk-WARNING **: 16:19:55.269: cannot open display:
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ^C
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo nano Manifest.txt
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv  access_log_short.txt  Manifest.txt  SalesCountry  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/*.txt
SalesCountry/*.txt : no such file or directory

hdp123@stud-OptiPlex-3060: ~/analyzelogs
GNU nano 6.2 Manifest.txt *
Main-Class: SalesCountry.SalesCountryDriver

^O Help      ^O Write Out  ^W Where Is  ^K Cut       ^T Execute   ^C Location  ^U Undo      ^A Set Mark  ^I To Bracket
^X Exit      ^R Read File  ^_ Replace   ^U Paste     ^D Justify   ^_ Go To Line ^E Redo      ^G Copy      ^O Where Was
```

```

hdp123@stud-OptiPlex-3060: ~/analyzeLogs
hdp123@stud-OptiPlex-3060:~/analyzeLogs/SalesCountry$ ls
SalesCountryDriver.class SalesCountryReducer.class SalesMapper.class
hdp123@stud-OptiPlex-3060:~/analyzeLogs/SalesCountry$ cd ..
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ sudo gedit Manifest.txt
[sudo] password for hdp123:

(gedit:7649): Gtk-WARNING **: 16:17:25.503: cannot open display:
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ sudo gedit -s Manifest.txt

(gedit:7660): Gtk-WARNING **: 16:19:55.269: cannot open display:
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ ^C
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ sudo nano Manifest.txt
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ ls
access_log_short.csv access_log_short.txt Manifest.txt SalesCountry SalesCountryDriver.java SalesCountryReducer.java SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ jar -cfm analyzeLogs.jar Manifest.txt SalesCountry/*.txt
SalesCountry/*.txt : no such file or directory
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ ls
access_log_short.csv access_log_short.txt Manifest.txt SalesCountry SalesCountryDriver.java SalesCountryReducer.java SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ jar -cfm analyzeLogs.jar Manifest.txt SalesCountry/*.class
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ ls
access_log_short.csv analyzeLogs.jar SalesCountry SalesCountryReducer.java
access_log_short.txt Manifest.txt SalesCountryDriver.java SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ cd
hdp123@stud-OptiPlex-3060:~$ sudo start-dfs.sh
sudo: start-dfs.sh: command not found
hdp123@stud-OptiPlex-3060:~$ start-dfs.sh
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/
lib/hadoop-auth-2.10.1.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
23/04/11 16:30:48 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where appli
cable
Starting namenodes on [localhost]
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
localhost: starting namenode logging to /usr/local/hadoop/logs/hadoop-hdp123-namenode-stud-OptiPlex-3060.out

hdp123@stud-OptiPlex-3060:~/analyzeLogs
p/common/lib/hadoop-auth-2.10.1.jar) to method sun.security.krb5.Config.getInstance()
0.0.0.0: WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
0.0.0.0: WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
0.0.0.0: WARNING: All illegal access operations will be denied in a future release
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/
lib/hadoop-auth-2.10.1.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
23/04/11 16:32:16 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where appli
cable
hdp123@stud-OptiPlex-3060:~$ start-yarn.sh
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-hdp123-resourcemanager-stud-OptiPlex-3060.out
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-hdp123-nodemanager-stud-OptiPlex-3060.out
localhost: WARNING: An illegal reflective access operation has occurred
localhost: WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/had
oop/common/lib/hadoop-auth-2.10.1.jar) to method sun.security.krb5.Config.getInstance()
localhost: WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
localhost: WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
localhost: WARNING: All illegal access operations will be denied in a future release
hdp123@stud-OptiPlex-3060:~$ jps
8912 ResourceManager
9235 NodeManager
9366 Jps
8538 DataNode
8348 NameNode
8751 SecondaryNameNode
hdp123@stud-OptiPlex-3060:~$ cd analyzeLogs/
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ sudo mkdir ~/input2000
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ ls
access_log_short.csv analyzeLogs.jar SalesCountry SalesCountryReducer.java
access_log_short.txt Manifest.txt SalesCountryDriver.java SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ pwd
/home/hdp123/analyzeLogs

```

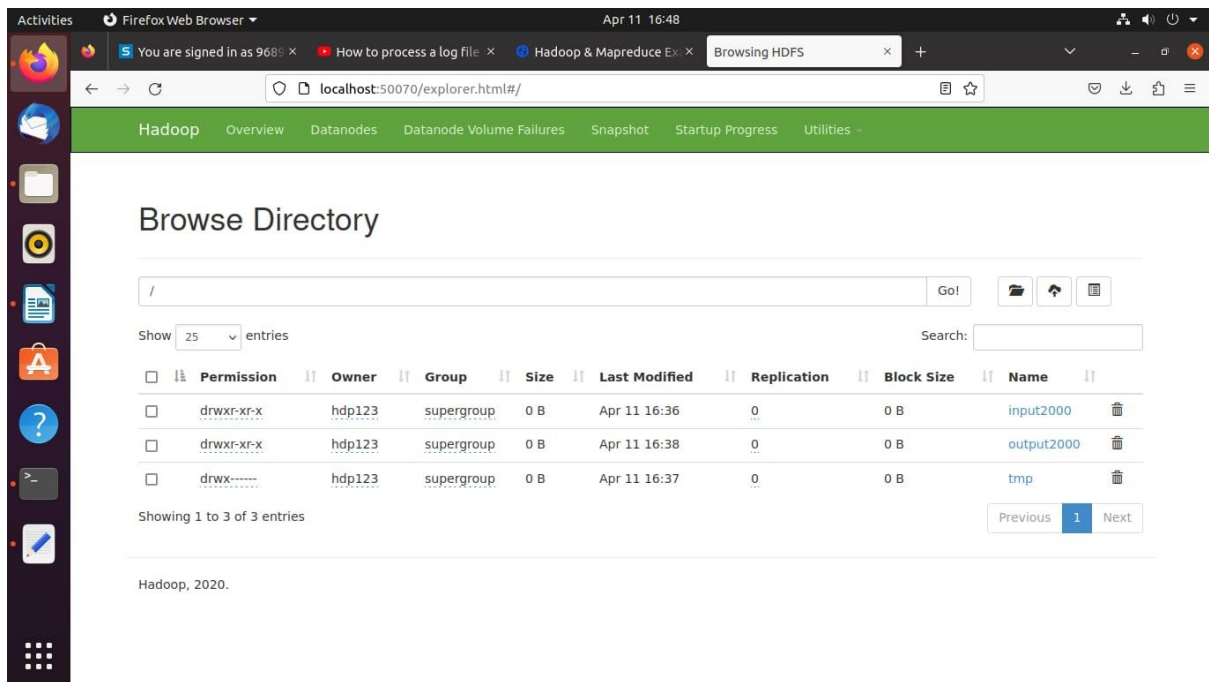
```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
access_log_short.csv  analyzelogs.jar  salescountry  salescountryreducer.java
access_log_short.txt  Manifest.txt      SalesCountryDriver.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ pwd
/home/hdp123/analyzelogs
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo cp access_log_short.csv ~/input200/
cp: cannot create regular file '/home/hdp123/input200/': Not a directory
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo cp access_log_short.csv ~/input2000/
hdp123@stud-OptiPlex-3060:~/analyzelogs$ $HADOOP_HOME/bin/hdfs dfs -put ~/input2000 /
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.1.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
23/04/11 16:36:16 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hdp123@stud-OptiPlex-3060:~/analyzelogs$ $HADOOP_HOME/bin/hadoop jar analyzelogs.jar /input2000 /output2000
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.1.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
23/04/11 16:37:33 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
23/04/11 16:37:33 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/04/11 16:37:33 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/04/11 16:37:33 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/04/11 16:37:34 INFO mapred.FileInputFormat: Total input files to process : 1
23/04/11 16:37:34 INFO mapreduce.JobSubmitter: number of splits:2
23/04/11 16:37:34 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1681210959590_0001
23/04/11 16:37:34 INFO conf.Configuration: resource-types.xml not found
23/04/11 16:37:34 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
23/04/11 16:37:34 INFO resource.ResourceUtils: Adding resource type - name = memory-mb, units = Mi, type = COUNTABLE
23/04/11 16:37:34 INFO resource.ResourceUtils: Adding resource type - name = vcores, units = , type = COUNTABLE
23/04/11 16:37:34 INFO impl.YarnClientImpl: Submitted application application_1681210959590_0001
23/04/11 16:37:35 INFO mapreduce.Job: The url to track the job: http://stud-OptiPlex-3060:8088/proxy/application_1681210959590_0001/
23/04/11 16:37:35 INFO mapreduce.Job: Running job: job_1681210959590_0001

hdp123@stud-OptiPlex-3060: ~/analyzelogs
23/04/11 16:37:34 INFO conf.Configuration: resource-types.xml not found
23/04/11 16:37:34 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
23/04/11 16:37:34 INFO resource.ResourceUtils: Adding resource type - name = memory-mb, units = Mi, type = COUNTABLE
23/04/11 16:37:34 INFO resource.ResourceUtils: Adding resource type - name = vcores, units = , type = COUNTABLE
23/04/11 16:37:34 INFO impl.YarnClientImpl: Submitted application application_1681210959590_0001
23/04/11 16:37:35 INFO mapreduce.Job: The url to track the job: http://stud-OptiPlex-3060:8088/proxy/application_1681210959590_0001/
23/04/11 16:37:35 INFO mapreduce.Job: Running job: job_1681210959590_0001
23/04/11 16:37:40 INFO mapreduce.Job: Job job_1681210959590_0001 running in uber mode : false
23/04/11 16:37:40 INFO mapreduce.Job:  map 0% reduce 0%
23/04/11 16:37:44 INFO mapreduce.Job:  map 100% reduce 0%
23/04/11 16:37:48 INFO mapreduce.Job:  map 100% reduce 100%
23/04/11 16:37:48 INFO mapreduce.Job: Job job_1681210959590_0001 completed successfully
23/04/11 16:37:48 INFO mapreduce.Job: Counters: 49
    File System Counters
      FILE: Number of bytes read=26793
      FILE: Number of bytes written=679676
      FILE: Number of read operations=0
      FILE: Number of large read operations=0
      FILE: Number of write operations=0
      HDFS: Number of bytes read=162966
      HDFS: Number of bytes written=3838
      HDFS: Number of read operations=9
      HDFS: Number of large read operations=0
      HDFS: Number of write operations=2
    Job Counters
      Launched map tasks=2
      Launched reduce tasks=1
      Data-local map tasks=2
      Total time spent by all maps in occupied slots (ms)=3587
      Total time spent by all reduces in occupied slots (ms)=2081
      Total time spent by all map tasks (ms)=3587
      Total time spent by all reduce tasks (ms)=2081
      Total vcore-milliseconds taken by all map tasks=3587
      Total vcore-milliseconds taken by all reduce tasks=2081
      Total megabyte-milliseconds taken by all map tasks=3673088
      Total megabyte-milliseconds taken by all reduce tasks=2130944
    Map-Reduce Framework
      Map input records=1295
      Map output records=1295
```

```
hdp123@stud-OptiPlex-3060: ~/analyzeLogs
map-reduce framework
  Map input records=1295
  Map output records=1295
  Map output bytes=24197
  Map output materialized bytes=26799
  Input split bytes=208
  Combine input records=0
  Combine output records=0
  Reduce input groups=227
  Reduce shuffle bytes=26799
  Reduce input records=1295
  Reduce output records=227
  Spilled Records=2590
  Shuffled Maps =2
  Failed Shuffles=0
  Merged Map outputs=2
  GC time elapsed (ms)=64
  CPU time spent (ms)=2240
  Physical memory (bytes) snapshot=759259136
  Virtual memory (bytes) snapshot=6208061440
  Total committed heap usage (bytes)=549453824
Shuffle Errors
  BAD_ID=0
  CONNECTION=0
  IO_ERROR=0
  WRONG_LENGTH=0
  WRONG_MAP=0
  WRONG_REDUCE=0
File Input Format Counters
  Bytes Read=162758
File Output Format Counters
  Bytes Written=3838
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ $HADOOP_HOME/bin/hdfs -cat /output2000/part-00000
Unrecognized option: -cat
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ $HADOOP_HOME/bin/hdfs dfs -cat /output2000/part-00000
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ $HADOOP_HOME/bin/hdfs -cat /output2000/part-00000
Unrecognized option: -cat
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ $HADOOP_HOME/bin/hdfs dfs -cat /output2000/part-00000
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/
lib/hadoop-auth-2.10.1.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
23/04/11 16:39:58 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where appli
cable
10.1.1.236 7
10.1.181.142 14
10.1.232.31 5
10.10.55.142 14
10.102.101.66 1
10.103.184.104 1
10.103.190.81 53
10.103.63.29 1
10.104.73.51 1
10.105.160.183 1
10.108.91.151 1
10.109.21.76 1
10.11.131.40 1
10.111.71.20 8
10.112.227.184 6
10.114.74.30 1
10.115.118.78 1
10.117.224.230 1
10.117.76.22 12
10.118.19.97 1
10.118.250.30 7
```

```
hdp123@stud-OptiPlex-3060: ~/analyzeLogs
10.61.161.218 1
10.61.23.77 8
10.61.232.147 3
10.62.78.165 2
10.63.233.249 7
10.64.224.191 13
10.66.208.82 2
10.69.20.85 26
10.70.105.238 1
10.70.238.46 6
10.72.137.86 6
10.72.208.27 1
10.73.134.9 4
10.73.238.200 1
10.73.60.200 1
10.73.64.91 1
10.74.218.123 1
10.75.116.199 1
10.76.143.30 1
10.76.68.178 16
10.78.95.24 8
10.80.10.131 10
10.80.215.116 17
10.81.134.180 1
10.82.30.199 63
10.82.64.235 1
10.84.236.242 1
10.87.209.46 1
10.87.88.214 1
10.88.204.177 1
10.89.178.62 1
10.89.244.42 1
10.94.196.42 1
10.95.136.211 4
10.95.232.88 1
10.98.156.141 1
10.99.228.224 1
hdp123@stud-OptiPlex-3060:~/analyzeLogs$
```

## HADOOP GUI:





Activities Firefox Web Browser Apr 11 16:48

localhost:50070/explorer.html#/input2000

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

## Browse Directory

/input2000 Go!

Show 25 entries Search:

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-r--r--	hdp123	supergroup	154.94 KB	Apr 11 16:36	1	128 MB	access_log_short.csv

Showing 1 to 1 of 1 entries

Previous 1 Next

Hadoop, 2020.

Activities Firefox Web Browser Apr 11 16:48

localhost:50070/explorer.html#/output2000

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

## Browse Directory

/output2000 Go!

Show 25 entries Search:

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-r--r--	hdp123	supergroup	0 B	Apr 11 16:38	1	128 MB	_SUCCESS
-rw-r--r--	hdp123	supergroup	3.75 KB	Apr 11 16:38	1	128 MB	part-00000

Showing 1 to 2 of 2 entries

Previous 1 Next

Hadoop, 2020.

Activities Firefox Web Browser Apr 11 16:49

localhost:50070/explorer.html#/output2000

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

## Browse Directory

/output2000 Go!

Show 25 entries Search:

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-r--r--	hdp123	supergroup	0 B	Apr 11 16:38	1	128 MB	_SUCCESS
-rw-r--r--	hdp123	supergroup	3.75 KB	Apr 11 16:38	1	128 MB	part-00000

Showing 1 to 2 of 2 entries

Previous 1 Next

Hadoop, 2020.

### File information - part-00000

Download Head the file (first 32K) Tail the file (last 32K)

Block information -- Block 0

Block ID: 1073741832  
Block Pool ID: BP-2000926287-127.0.1.1-1680216040302  
Generation Stamp: 1008  
Size: 3838  
Availability:  
• stud

### File contents

```
10.1.1.236 7
10.1.181.142 14
10.1.232.31 5
10.10.55.142 14
10.102.101.66 1
10.103.184.104 1
10.103.100.81 43
```