

Assignment -2

```
hdp123@stud-OptiPlex-3060:~$ su - hdp123
Password:
hdp123@stud-OptiPlex-3060:~$ sudo mkdir analyzelogs
[sudo] password for hdp123:
hdp123@stud-OptiPlex-3060:~$ ls
analyzelogs  Desktop  Downloads  Music  Public  Templates
hdp123@stud-OptiPlex-3060:~$ sudo chmod -R 777 analyzelogs/
hdp123@stud-OptiPlex-3060:~$ cd
hdp123@stud-OptiPlex-3060:~$ ls
'Assignment 1b'  Desktop  Downloads  Pictures  snap  Templates  Videos
hdp123@stud-OptiPlex-3060:~$ cd ..
hdp123@stud-OptiPlex-3060:/home$ ls
hadoop123  hdp123  stud
hdp123@stud-OptiPlex-3060:/home$ cd
hdp123@stud-OptiPlex-3060:~$ pwd
/home/hdp123
hdp123@stud-OptiPlex-3060:~$ sudo chown -R hdp123 analyzelogs/
hdp123@stud-OptiPlex-3060:~$ cd
hdp123@stud-OptiPlex-3060:~$ ls
analyzelogs  Desktop  Downloads  Pictures  snap  Templates  Videos
'Assignment 1b'  Documents  Music  Public  Templates
hdp123@stud-OptiPlex-3060:~$ cd analyzelogs/
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
hdp123@stud-OptiPlex-3060:~/analyzelogs$ cd ..
```

```
hdp123@stud-OptiPlex-3060:~$ sudo cp /home/hdp123/Assignment_1b/* ~/analyzelogs/
hdp123@stud-OptiPlex-3060:~$ cd
hdp123@stud-OptiPlex-3060:~$ ls
analyzelogs  Desktop  Downloads  Pictures  snap  Templates  Videos
Assignment_1b  Documents  Music  Public  Templates
hdp123@stud-OptiPlex-3060:~$ cd analyzelogs/
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv  SalesCountryDriver.java  SalesMapper.java
access_log_short.txt  SalesCountryReducer.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ pwd
/home/hdp123/analyzelogs
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls -ltr
total 308
-rw-r--r-- 1 root root 659 Apr 11 16:11 SalesMapper.java
-rw-r--r-- 1 root root 749 Apr 11 16:11 SalesCountryReducer.java
-rw-r--r-- 1 root root 1367 Apr 11 16:11 SalesCountryDriver.java
-rw-r--r-- 1 root root 143084 Apr 11 16:11 access_log_short.txt
-rw-r--r-- 1 root root 158662 Apr 11 16:11 access_log_short.csv
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls -al
total 316
drwxrwxrwx 2 hdp123 root 4096 Apr 11 16:11 .
drwxr-x--- 18 hdp123 hadoop123 4096 Apr 11 16:10 ..
-rw-r--r-- 1 root root 158662 Apr 11 16:11 access_log_short.csv
-rw-r--r-- 1 root root 143084 Apr 11 16:11 access_log_short.txt
-rw-r--r-- 1 root root 1367 Apr 11 16:11 SalesCountryDriver.java
-rw-r--r-- 1 root root 749 Apr 11 16:11 SalesCountryReducer.java
-rw-r--r-- 1 root root 659 Apr 11 16:11 SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo chmod +r *.*
hdp123@stud-OptiPlex-3060:~/analyzelogs$ pwd
/home/hdp123/analyzelogs
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH="$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-core-2.9.0.jar:$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-common-2.9.0.jar:$HADOOP_HOME/share/hadoop/common/hadoop-common-2.9.0.jar:~/analyzelogs/SalesCountry/*:$HADOOP_HOME/lib/*"
hdp123@stud-OptiPlex-3060:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
```

```
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  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv  access_log_short.txt  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH="$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-core-2.9.0.jar:$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-common-2.9.0.jar:$HADOOP_HOME/share/hadoop/common/hadoop-common-2.9.0.jar:~/analyzelogs/SalesCountry/*:$HADOOP_HOME/lib/*"
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH=$HADOOP CLASSPATH:..
hdp123@stud-OptiPlex-3060:~/analyzelogs$ echo $CLASSPATH
HADOOP CLASSPATH:..
hdp123@stud-OptiPlex-3060:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
SalesMapper.java:5: error: package org.apache.hadoop.io does not exist
import org.apache.hadoop.io.IntWritable;
                        ^
SalesMapper.java:6: error: package org.apache.hadoop.io does not exist
import org.apache.hadoop.io.LongWritable;
                        ^
SalesMapper.java:7: error: package org.apache.hadoop.io does not exist
import org.apache.hadoop.io.Text;
                        ^
SalesMapper.java:10: error: cannot find symbol
public class SalesMapper extends MapReduceBase implements Mapper<LongWritable, Text, Text, IntWritable> {
                        ^
  symbol: class MapReduceBase
SalesMapper.java:10: error: cannot find symbol
```

```
hdp123@stud-OptiPlex-3060: ~  
hdp123@stud-OptiPlex-3060:~$ hadoop version  
Hadoop 2.10.1  
Subversion https://github.com/apache/hadoop -r 1827467c9a56f133025f28557bfc2c562d78e816  
Compiled by centos on 2020-09-14T13:17Z  
Compiled with protoc 2.5.0  
From source with checksum 3114edef868f1f3824e7d0f68be03650  
This command was run using /usr/local/hadoop/share/hadoop/common/hadoop-common-2.10.1.jar  
hdp123@stud-OptiPlex-3060:~$
```

```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
hdp123@stud-OptiPlex-3060:~$ su hd123
su: user hd123 does not exist or the user entry does not contain all the required fields
hdp123@stud-OptiPlex-3060:~$ su - hd123
su: user hd123 does not exist or the user entry does not contain all the required fields
hdp123@stud-OptiPlex-3060:~$ su - hdp123
Password:
hdp123@stud-OptiPlex-3060:~$ cd analyzelogs/
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv  SalesCountryDriver.java  SalesMapper.java
access_log_short.txt  SalesCountryReducer.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH="hadoop classpath":.
hdp123@stud-OptiPlex-3060:~/analyzelogs$ echo $CLASSPATH
/usr/local/hadoop/etc/hadoop:/usr/local/hadoop/share/hadoop/common/lib/*:/usr/local/hadoop/share/hadoop/common/*:/usr/local/hadoop/share/hadoop
p/hdfs:/usr/local/hadoop/share/hadoop/hdfs/lib/*:/usr/local/hadoop/share/hadoop/hdfs/*:/usr/local/hadoop/share/hadoop/yarn:/usr/local/hadoop/s
hare/hadoop/yarn/lib/*:/usr/local/hadoop/share/hadoop/yarn/*:/usr/local/hadoop/share/hadoop/mapreduce/lib/*:/usr/local/hadoop/share/hadoop/map
reduce/*:/usr/local/hadoop/contrib/capacity-scheduler/*.jar:.
hdp123@stud-OptiPlex-3060:~/analyzelogs$ export CLASSPATH="SHADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduceclient-core-2.10.1.jar:SHADOOP_
HOME/share/hadoop/mapreduce/hadoop-aprduce-clientcommon-2.10.1.jar:SHADOOP_HOME/share/hadoop/common/hadoop-common-2.10.1.jar:~/analyzelogs/Sa
lesCountry/*:$SHADOOP_HOME/lib/*"
hdp123@stud-OptiPlex-3060:~/analyzelogs$ 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$ 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
Command 'sudogedit' not found, did you mean:
  command 'sudoedit' from deb sudo (1.9.9-1ubuntu2.4)
  command 'sudoedit' from deb sudo-ldap (1.9.9-1ubuntu2.4)
Try: sudo apt install <deb name>
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo gedit Manifest.txt
[sudo] password for hdp123:
```

```

hdp123@stud-OptiPlex-3060: ~/analyzelogs
command 'sudoedit' from deb sudo (1.9.9-1ubuntu2.4)
command 'sudoedit' from deb sudo-ldap (1.9.9-1ubuntu2.4)
Try: sudo apt install <deb name>
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo gedit Manifest.txt
[sudo] password for hdp123:

(gedit:8233): Gtk-WARNING **: 15:44:55.463: cannot open display:
hdp123@stud-OptiPlex-3060:~/analyzelogs$ sudo nano Manifest.txt
hdp123@stud-OptiPlex-3060:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/*.class
java.io.IOException: invalid header field
    at java.base/java.util.jar.Attributes.read(Attributes.java:413)
    at java.base/java.util.jar.Manifest.read(Manifest.java:232)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:82)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:74)
    at jdk.jartool/sun.tools.jar.Main.run(Main.java:268)
    at jdk.jartool/sun.tools.jar.Main.main(Main.java:1680)
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
hdp123@stud-OptiPlex-3060:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/*.class
java.io.IOException: invalid header field
    at java.base/java.util.jar.Attributes.read(Attributes.java:413)
    at java.base/java.util.jar.Manifest.read(Manifest.java:232)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:82)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:74)
    at jdk.jartool/sun.tools.jar.Main.run(Main.java:268)
    at jdk.jartool/sun.tools.jar.Main.main(Main.java:1680)
hdp123@stud-OptiPlex-3060:~/analyzelogs$ nano Manifest.txt
hdp123@stud-OptiPlex-3060:~/analyzelogs$ ls
access_log_short.csv Manifest.txt SalesCountry SalesCountryReducer.java
access_log_short.txt Manifest.txtC SalesCountryDriver.java SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/*.class
java.io.IOException: invalid header field
    at java.base/java.util.jar.Attributes.read(Attributes.java:413)
    at java.base/java.util.jar.Manifest.read(Manifest.java:232)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:82)
    at java.base/java.util.jar.Manifest.<init>(Manifest.java:74)
    at jdk.jartool/sun.tools.jar.Main.run(Main.java:268)
    at jdk.jartool/sun.tools.jar.Main.main(Main.java:1680)

```

```
hdp123@stud-OptiPlex-3060: ~/analyzezlogs
GNU nano 6.2 Manifest.txt
Main-class:SalesCountry.SalesCountryDriver
```

```
hdp123@stud-OptiPlex-3060: ~/analyzezlogs
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  access_log_short.txt  Manifest.txt  SalesCountry  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ rm Manifest.txt
rm: remove write-protected regular file 'Manifest.txt'? y
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  access_log_short.txt  SalesCountry  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ sudo nano Manifest.txt
[sudo] password for hdp123:
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  access_log_short.txt  Manifest.txt  SalesCountry  SalesCountryDriver.java  SalesCountryReducer.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ jar -cfm analyzezlogs.jar Manifest.txt SalesCountry/*.class
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  analyzezlogs.jar  SalesCountry  SalesCountryReducer.java
access_log_short.txt  Manifest.txt      SalesCountryDriver.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ cd
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
23/04/18 16:11:15 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Starting namenodes on [localhost]
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
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
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/hadoop/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
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
```

```
hdp123@stud-OptiPlex-3060: ~/analyzezlogs
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
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
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/hadoop/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
9968 NodeManager
9267 DataNode
9076 NameNode
9476 SecondaryNameNode
10101 Jps
9645 ResourceManager
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ cd analyzezlogs/
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ sudo mkdir ~/input2000
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ ls
access_log_short.csv  analyzezlogs.jar  SalesCountry  SalesCountryReducer.java
access_log_short.txt  Manifest.txt      SalesCountryDriver.java  SalesMapper.java
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ pwd
/home/hdp123/analyzezlogs
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ sudocp access_log_short.csv ~/input2000/
sudocp: command not found
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ sudo cp access_log_short.csv ~/input2000/
hdp123@stud-OptiPlex-3060:~/analyzezlogs$ $HADOOP_HOME/bin/hdfsdfs -put ~/input2000/
-bash: /usr/local/hadoop/bin/hdfsdfs: No such file or directory
```



```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_HOME/bin/hdfsdfs -put ~/input2000/
-bash: /usr/local/hadoop/bin/hdfsdfs: No such file or directory
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_HOME/bin/hdfsdfs -put ~/input2000 /
-bash: /usr/local/hadoop/bin/hdfsdfs: No such file or directory
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_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
23/04/18 16:20:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_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
23/04/18 16:20:39 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_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
23/04/18 16:20:39 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
23/04/18 16:20:39 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session-id
23/04/18 16:20:39 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=
23/04/18 16:20:39 INFO jvm.JvmMetrics: Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized
23/04/18 16:20:39 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/04/18 16:20:39 INFO mapred.FileInputFormat: Total input files to process : 1
23/04/18 16:20:39 INFO mapreduce.JobSubmitter: number of splits:1
23/04/18 16:20:40 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local1708684802_0001
23/04/18 16:20:40 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
23/04/18 16:20:40 INFO mapred.LocalJobRunner: OutputCommitter set in config null
23/04/18 16:20:40 INFO mapreduce.Job: Running job: job_local1708684802_0001
23/04/18 16:20:40 INFO mapred.LocalJobRunner: OutputCommitter is org.apache.hadoop.mapred.FileOutputCommitter
23/04/18 16:20:40 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 1
23/04/18 16:20:40 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ignore cleanup failures: false
23/04/18 16:20:40 INFO mapred.LocalJobRunner: Waiting for map tasks
23/04/18 16:20:40 INFO mapred.LocalJobRunner: Starting task: attempt local1708684802_0001_m_000000_0
23/04/18 16:20:40 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 1
23/04/18 16:20:40 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ignore cleanup failures: false
```

```
hdp123@stud-OptiPlex-3060: ~/analyzelogs
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=317324
HDFS: Number of bytes written=3838
HDFS: Number of read operations=13
HDFS: Number of large read operations=0
HDFS: Number of write operations=4
Map-Reduce Framework
  Map input records=1295
  Map output records=1295
  Map output bytes=24197
  Map output materialized bytes=26793
  Input split bytes=104
  Combine input records=0
  Combine output records=0
  Reduce input groups=227
  Reduce shuffle bytes=26793
  Reduce input records=1295
  Reduce output records=227
  Spilled Records=2590
  Shuffled Maps =1
  Failed Shuffles=0
  Merged Map outputs=1
  GC time elapsed (ms)=17
  Total committed heap usage (bytes)=471859200
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=158662
File Output Format Counters
  Bytes Written=3838
hdp123@stud-OptiPlex-3060:~/analyzelogs$ SHADOOP_HOME/bin/hdfs dfs -cat /output2000/part-00000
```

```
hdp123@stud-OptiPlex-3060: ~/analyzeLogs
Bytes Written=3838
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
23/04/18 16:21:26 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
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
10.119.117.132 23
10.119.33.245 1
10.119.74.120 1
10.12.113.198 2
10.12.219.30 1
10.120.165.113 1
10.120.207.127 4
```

```
hdp123@stud-OptiPlex-3060: ~/analyzeLogs
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$ stop-all.sh
This script is Deprecated. Instead use stop-dfs.sh and stop-yarn.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
23/04/18 16:27:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Stopping namenodes on [localhost]
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
localhost: stopping namenode
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
```

```
Stopping secondary namenodes [0.0.0.0]
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@0.0.0.0's password:
0.0.0.0: stopping secondarynamenode
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
23/04/18 16:28:28 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
stopping yarn daemons
stopping resourcemanager
Enter passphrase for key '/home/hdp123/.ssh/id_rsa':
hdp123@localhost's password:
localhost: stopping nodemanager
localhost: nodemanager did not stop gracefully after 5 seconds: killing with kill -9
no proxyserver to stop
hdp123@stud-OptiPlex-3060:~/analyzeLogs$ jps
12027 Jps
hdp123@stud-OptiPlex-3060:~/analyzeLogs$
```




In GUI:

Browsing HDFS



localhost:50070/explorer.html#

Hadoop Overview Datanodes Datnode Volume Failures Snapshot Startup Progress Utilities

Browse Directory

/ Go!   

Show 25 entries Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
<input type="checkbox"/>	drwxr-xr-x	hdp123	supergroup	0 B	Apr 18 16:20	0	0 B	input2000 
<input type="checkbox"/>	drwxr-xr-x	hdp123	supergroup	0 B	Apr 18 16:20	0	0 B	output2000 

Showing 1 to 2 of 2 entries Previous 1 Next

Hadoop, 2020.