

- OUTPUTS :

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Activities Terminal Apr 21 15:49
hdp123@stud: ~/analyzeLogs157

stud@stud:~$ cd ..
stud@stud:/home$ su hdp123
Password:
hdp123@stud:/home$ cd hdp123/
hdp123@stud:~$ pwd
/home/hdp123
hdp123@stud:~$ sudo mkdir analyzeLogs157
[sudo] password for hdp123:
hdp123@stud:~$ ls
analyzeLogs-93  analyzeLogs157  Documents  input93  Public
Downloads  Music  Templates
hdp123@stud:~$ sudo chmod -R 777 analyzeLogs157/
hdp123@stud:~$ pwd
/home/hdp123
hdp123@stud:~$ sudo chown -R hdp123 analyzeLogs157/
hdp123@stud:~$ cd analyzeLogs157
hdp123@stud:~/analyzeLogs157$ sudo cp /home/stud/Desktop/assign_1b/* ~/analyzeLogs157/
hdp123@stud:~/analyzeLogs157$ ls
access_log_short.csv  SalesCountryDriver.java  SalesMapper.java
access_log_short.txt  SalesCountryReducer.java
hdp123@stud:~/analyzeLogs157$ cd ..
hdp123@stud:~$ pwd
/home/hdp123
hdp123@stud:~$ 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
23/04/21 14:51:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where appli
cable
Starting namenodes on [localhost]
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-hdp123-namenode-stud.out
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-hdp123-datanode-stud.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
op/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:~$ start-yarn.sh
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-hdp123-resourcemanager-stud.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
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-hdp123-nodemanager-stud.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
op/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

localhost: WARNING: All illegal access operations will be denied in a future release
hdp123@stud:~$ jps
4117 NameNode
4311 DataNode
5178 Jps
4538 SecondaryNameNode
4701 ResourceManager
4847 NodeManager

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```

hdp123@stud:~$ cd analyzelogs157
hdp123@stud:~/analyzelogs157$ ls
access_log_short.csv  SalesCountryDriver.java  SalesMapper.java
access_log_short.txt  SalesCountryReducer.java
hdp123@stud:~/analyzelogs157$ pwd
/home/hdp123/analyzelogs157
hdp123@stud:~/analyzelogs157$ ls -ltr
total 308
-rw-r--r-- 1 root root 143084 Apr 21 14:47 access_log_short.txt
-rw-r--r-- 1 root root 158662 Apr 21 14:47 access_log_short.csv
-rw-r--r-- 1 root root 749 Apr 21 14:47 SalesCountryReducer.java
-rw-r--r-- 1 root root 1367 Apr 21 14:47 SalesCountryDriver.java
-rw-r--r-- 1 root root 659 Apr 21 14:47 SalesMapper.java
hdp123@stud:~/analyzelogs157$ ls -al
total 316
drwxrwxrwx 2 hdp123 root 4096 Apr 21 14:47 .
drwxr-xr-x 24 hdp123 hadoop 4096 Apr 21 14:42 ..
-rw-r--r-- 1 root root 158662 Apr 21 14:47 access_log_short.csv
-rw-r--r-- 1 root root 143084 Apr 21 14:47 access_log_short.txt
-rw-r--r-- 1 root root 1367 Apr 21 14:47 SalesCountryDriver.java
-rw-r--r-- 1 root root 749 Apr 21 14:47 SalesCountryReducer.java
-rw-r--r-- 1 root root 659 Apr 21 14:47 SalesMapper.java
hdp123@stud:~/analyzelogs157$ sudo chmod +r *.*
hdp123@stud:~/analyzelogs157$ pwd
/home/hdp123/analyzelogs157
hdp123@stud:~/analyzelogs157$ ls -ltr
total 308
-rw-r--r-- 1 root root 143084 Apr 21 14:47 access_log_short.txt
-rw-r--r-- 1 root root 158662 Apr 21 14:47 access_log_short.csv
-rw-r--r-- 1 root root 749 Apr 21 14:47 SalesCountryReducer.java
-rw-r--r-- 1 root root 1367 Apr 21 14:47 SalesCountryDriver.java

```

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hdp123@stud:~/analyzelogs157$ #export CLASSPATH="$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduceclient-core-2.10.1.jar:$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-common-2.10.1.jar:$HADOOP_HOME/share/hadoop/common/hadoop-common-2.10.1.jar:~/analyzelogs157/SalesCountry/*:$HADOOP_HOME/lib/*"
hdp123@stud:~/analyzelogs157$ export CLASSPATH=`hadoop classpath`.:
hdp123@stud:~/analyzelogs157$ echo $CLASSPATH
/usr/local/hadoop/etc/hadoop:/usr/local/hadoop/share/hadoop/common/lib/*:/usr/local/hadoop/share/hadoop/common/*:/usr/local/hadoop/share/hadoop/hdfs:/usr/local/hadoop/share/hadoop/hdfs/lib/*:/usr/local/hadoop/share/hadoop/hdfs/*:/usr/local/hadoop/share/hadoop/yarn:/usr/local/hadoop/share/hadoop/yarn/lib/*:/usr/local/hadoop/share/hadoop/yarn/*:/usr/local/hadoop/share/hadoop/mapreduce/lib/*:/usr/local/hadoop/share/hadoop/mapreduce/*:/usr/local/hadoop/contrib/capacity-scheduler/*.jar.:
hdp123@stud:~/analyzelogs157$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java
hdp123@stud:~/analyzelogs157$ cd SalesCountry
hdp123@stud:~/analyzelogs157/SalesCountry$ ls
SalesCountryDriver.class  SalesCountryReducer.class  SalesMapper.class
hdp123@stud:~/analyzelogs157/SalesCountry$ cd ..

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hdp123@stud:~/analyzelogs157$ sudo gedit Manifest.txt
(gedit:5372): Tepl-WARNING **: 15:02:54.548: GVfs metadata is not supported. Fallback to TeplMetadataManager. Either GVfs is not correctly installed or GVfs metadata are not supported on this platform. In the latter case, you should configure Tepl with --disable-gvfs-metadata.
hdp123@stud:~/analyzelogs157$
hdp123@stud:~/analyzelogs157$ jar -cfm analyzelogs157.jar Manifest.txt SalesCountry/*.class
hdp123@stud:~/analyzelogs157$ ls
access_log_short.csv  Manifest.txt  SalesCountryReducer.java
access_log_short.txt  SalesCountry  SalesMapper.java
analyzelogs157.jar    SalesCountryDriver.java

```

```

hdp123@stud:~/analyzelogs157$ sudo mkdir ~/input
[sudo] password for hdp123:
hdp123@stud:~/analyzelogs157$ ls
access_log_short.csv  input2001  SalesCountryDriver.java
access_log_short.txt  Manifest.txt  SalesCountryReducer.java
analyzelogs157.jar    SalesCountry  SalesMapper.java
hdp123@stud:~/analyzelogs157$ sudo cp access_log_short.csv ~/input/

```

```

hdp123@stud:~/analyzelogs157$ $HADOOP_HOME/bin/hdfs dfs -put ~/input /
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
23/04/21 15:40:50 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

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hdp123@stud:~/analyzeLogs157$ SHADOOP_HOME/bin/hadoop jar analyzeLogs157.jar /input /output
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
23/04/21 15:43:14 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
23/04/21 15:43:15 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/04/21 15:43:15 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/04/21 15:43:15 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/04/21 15:43:15 INFO mapred.FileInputFormat: Total input files to process : 1
23/04/21 15:43:15 INFO mapreduce.JobSubmitter: number of splits:2
23/04/21 15:43:15 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1682068904013_0001
23/04/21 15:43:15 INFO conf.Configuration: resource-types.xml not found
23/04/21 15:43:15 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
23/04/21 15:43:15 INFO resource.ResourceUtils: Adding resource type - name = memory-mb, units = Mi, type = COUNTABLE
23/04/21 15:43:15 INFO resource.ResourceUtils: Adding resource type - name = vcores, units = , type = COUNTABLE
23/04/21 15:43:16 INFO impl.YarnClientImpl: Submitted application application_1682068904013_0001
23/04/21 15:43:16 INFO mapreduce.Job: The url to track the job: http://stud:8088/proxy/application_1682068904013_0001/
23/04/21 15:43:16 INFO mapreduce.Job: Running job: job_1682068904013_0001
23/04/21 15:43:20 INFO mapreduce.Job: Job job_1682068904013_0001 running in uber mode : false
23/04/21 15:43:20 INFO mapreduce.Job: map 0% reduce 0%
23/04/21 15:43:24 INFO mapreduce.Job: map 100% reduce 0%
23/04/21 15:43:28 INFO mapreduce.Job: map 100% reduce 100%
23/04/21 15:43:29 INFO mapreduce.Job: Job job_1682068904013_0001 completed successfully
23/04/21 15:43:29 INFO mapreduce.Job: Counters: 49
File System Counters
  FILE: Number of bytes read=26793
  FILE: Number of bytes written=270000

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Activities Terminal Apr 21 16:00

hdp123@stud: ~/analyzeLogs157

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Bytes Read=162758
File Output Format Counters
Bytes Written=3838
hdp123@stud:~/analyzeLogs157$ SHADOOP_HOME/bin/hdfs dfs -cat/output/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
23/04/21 15:44:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
-cat/output/part-00000: Unknown command
Usage: hadoop fs [generic options]
[-appendToFile <localsrc> ... <dst>]
[-cat [-ignoreCrc] <src> ...]
[-checksum <src> ...]
[-chgrp [-R] GROUP PATH...]
[-chmod [-R] <MODE[,MODE]... | OCTALMODE> PATH...]
[-chown [-R] [OWNER][:[GROUP]] PATH...]
[-copyFromLocal [-f] [-p] [-l] [-d] <localsrc> ... <dst>]
[-copyToLocal [-f] [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
[-count [-q] [-h] [-v] [-t [<storage type>]] [-u] [-x] <path> ...]
[-cp [-f] [-p] [-p[topax]] [-d] <src> ... <dst>]
[-createSnapshot <snapshotDir> [<snapshotName>]]
[-deleteSnapshot <snapshotDir> <snapshotName>]
[-df [-h] [<path> ...]]
[-du [-s] [-h] [-x] <path> ...]
[-expunge]
[-find <path> ... <expression> ...]
[-get [-f] [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
[-getfacl [-R] <path>]
[-getfattr [-R] {-n name | -d} [-e en] <path>]
[-getmerge [-nl] [-skip-empty-file] <src> <localdst>]
[-help [cmd ...]]
[-ls [-C] [-d] [-h] [-q] [-R] [-t] [-S] [-r] [-u] [<path> ...]]
[-mkdir [-p] <path> ...]
[-moveFromLocal <localsrc> ... <dst>]

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Activities Terminal Apr 21 16:00 hdp123@stud: ~/analyzeLogs157

The general command line syntax is:
command [genericOptions] [commandOptions]

hdp123@stud:~/analyzeLogs157$ SHADOOP_HOME/bin/hdfs dfs -cat /output/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
23/04/21 15:44:26 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
```

• **HADOOP GUI :**

