saurabh@ubuntu:~$ su saurabh

Password:

saurabh@ubuntu:/home$ cd

saurabh@ubuntu:~$ ls

analyzelogs

hadoopfiles.pub input2000 input500 input8000

analyzelogs1

input10

input20000 input600 input900

Desktop

input100

input30 input700 input9000

examples.desktop input1000

input3000 input7000 Temperature

hadoopfiles

input20

input40 input800

saurabh@ubuntu:~$ start-all.sh

This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh

Error: Could not find or load main class Djava.library.path=.usr.local.hadoop.lib

Starting namenodes on []

saurabh@localhost's password:

localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-saurabh-namenodeubuntu.

out

saurabh@localhost's password:

localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-saurabh-datanode-ubuntu.out

Error: Could not find or load main class Djava.library.path=.usr.local.hadoop.lib

starting yarn daemons

starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-saurabh-resourcemanagerubuntu.

out

saurabh@localhost's password:

localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-saurabh-nodemanagerubuntu.

out

saurabh@ubuntu:~$ jps

6673 NodeManager

5905 NameNode

6809 Jps

6346 ResourceManager

6076 DataNode

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/analyzelogs.jar /input2000

/output2000

Error: Could not find or load main class Djava.library.path=.usr.local.hadoop.lib

saurabh@ubuntu:~$ export HADOOP\_OPTS="-Djava.library.path=$HADOOP\_INSTALL/lib"

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/analyzelogs.jar /input2000

/output2000

Not a valid JAR: /analyzelogs/analyzelogs.jar

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ ls

access\_log\_short.csv

DriverC$Reduce.class

SalesCountDriver.java

access\_log\_short\_csv.csv DriverC$Reducers.class SalesCountry

access\_log\_short.txt

Driver.java

SalesCountryDriver.java

analyzelogs.jar

hadoop\_mapreduce\_file.txt SalesCountryReducer.java

DriverC.class

Manifest.txt

SalesMapper.java

DriverC.java

Mappers.java

steps

DriverC$Map.class

output.csv

DriverC$Mappers.class Reducers.java

saurabh@ubuntu:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/\*.class

saurabh@ubuntu:~/analyzelogs$ cd

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/analyzelogs.jar /input2000

/output2000Not a valid JAR: /analyzelogs/analyzelogs.jar

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ ls

access\_log\_short.csv

DriverC$Reduce.class

SalesCountDriver.java

access\_log\_short\_csv.csv DriverC$Reducers.class SalesCountry

access\_log\_short.txt

Driver.java

SalesCountryDriver.java

analyzelogs.jar

hadoop\_mapreduce\_file.txt SalesCountryReducer.java

DriverC.class

Manifest.txt

SalesMapper.java

DriverC.java

Mappers.java

steps

DriverC$Map.class

output.csv

DriverC$Mappers.class Reducers.java

saurabh@ubuntu:~/analyzelogs$ javac -d SalesMapper.java SalesCountryReducer.java

SalesCountryDriver.java

javac: not a directory: SalesMapper.java

Usage: javac <options> <source files>

use -help for a list of possible options

saurabh@ubuntu:~/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:8: error: package org.apache.hadoop.mapred does not exist

import org.apache.hadoop.mapred.\*;

^

SalesMapper.java:15: error: cannot find symbol

public class SalesMapper extends MapReduceBase implements Mapper<LongWritable, Text, Text,

Date> {

^s

ymbol: class MapReduceBase

SalesMapper.java:15: error: cannot find symbol

public class SalesMapper extends MapReduceBase implements Mapper<LongWritable, Text, Text,

Date> {

^s

ymbol: class Mapper

SalesMapper.java:15: error: cannot find symbol

public class SalesMapper extends MapReduceBase implements Mapper<LongWritable, Text, Text,

Date> {

^s

ymbol: class LongWritable

SalesMapper.java:15: error: cannot find symbol

public class SalesMapper extends MapReduceBase implements Mapper<LongWritable, Text, Text,

Date> {

^s

ymbol: class Text

SalesMapper.java:15: error: cannot find symbolpublic class SalesMapper extends MapReduceBase

implements Mapper<LongWritable, Text, Text,

Date> {

^s

ymbol: class Text

SalesMapper.java:16: error: cannot find symbol

private final static IntWritable one = new IntWritable(1);

^s

ymbol: class IntWritable

location: class SalesMapper

SalesMapper.java:18: error: cannot find symbol

public void map(LongWritable key, Text value, OutputCollector<Text, Date> output,

Reporter reporter) throws IOException {

^s

ymbol: class LongWritable

location: class SalesMapper

SalesMapper.java:18: error: cannot find symbol

public void map(LongWritable key, Text value, OutputCollector<Text, Date> output,

Reporter reporter) throws IOException {

^s

ymbol: class Text

location: class SalesMapper

SalesMapper.java:18: error: cannot find symbol

public void map(LongWritable key, Text value, OutputCollector<Text, Date> output,

Reporter reporter) throws IOException {

^s

ymbol: class OutputCollector

location: class SalesMapper

SalesMapper.java:18: error: cannot find symbol

public void map(LongWritable key, Text value, OutputCollector<Text, Date> output,

Reporter reporter) throws IOException {

^s

ymbol: class Text

location: class SalesMapper

SalesMapper.java:18: error: cannot find symbol

public void map(LongWritable key, Text value, OutputCollector<Text, Date> output,

Reporter reporter) throws IOException {

^s

ymbol: class Reporter

location: class SalesMapper

SalesCountryReducer.java:6: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.IntWritable;

^

SalesCountryReducer.java:7: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.Text;

^

SalesCountryReducer.java:8: error: package org.apache.hadoop.mapred does not exist

import org.apache.hadoop.mapred.\*;

^

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^symbol: class MapReduceBase

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class Reducer

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class Text

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class Text

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class LongWritable

SalesCountryReducer.java:16: error: cannot find symbol

public void reduce(Text t\_key, Iterator<Date> values, OutputCollector<Text,IntWritable>

output, Reporter reporter) throws IOException {

^s

ymbol: class Text

location: class SalesCountryReducer

SalesCountryReducer.java:16: error: cannot find symbol

public void reduce(Text t\_key, Iterator<Date> values, OutputCollector<Text,IntWritable>

output, Reporter reporter) throws IOException {

^s

ymbol: class OutputCollector

location: class SalesCountryReducer

SalesCountryReducer.java:16: error: cannot find symbol

public void reduce(Text t\_key, Iterator<Date> values, OutputCollector<Text,IntWritable>

output, Reporter reporter) throws IOException {

^s

ymbol: class Text

location: class SalesCountryReducer

SalesCountryReducer.java:16: error: cannot find symbol

public void reduce(Text t\_key, Iterator<Date> values, OutputCollector<Text,IntWritable>

output, Reporter reporter) throws IOException {

^s

ymbol: class IntWritable

location: class SalesCountryReducer

SalesCountryReducer.java:16: error: cannot find symbol

public void reduce(Text t\_key, Iterator<Date> values, OutputCollector<Text,IntWritable>

output, Reporter reporter) throws IOException {

^s

ymbol: class Reporter

location: class SalesCountryReducer

SalesCountryDriver.java:3: error: package org.apache.hadoop.fs does not existimport

org.apache.hadoop.fs.Path;

^

SalesCountryDriver.java:4: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.\*;

^

SalesCountryDriver.java:5: error: package org.apache.hadoop.mapred does not exist

import org.apache.hadoop.mapred.\*;

^

SalesMapper.java:16: error: cannot find symbol

private final static IntWritable one = new IntWritable(1);

^s

ymbol: class IntWritable

location: class SalesMapper

SalesMapper.java:25: error: cannot find symbol

output.collect(new Text(SingleCountryData[0]), date1);

^s

ymbol: class Text

location: class SalesMapper

SalesCountryReducer.java:17: error: cannot find symbol

Text key = t\_key;

^s

ymbol: class Text

location: class SalesCountryReducer

SalesCountryReducer.java:22: error: cannot find symbol

frequency +=temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:26: error: cannot find symbol

frequency += value.getTime() - temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:30: error: cannot find symbol

long diffSeconds = frequency / 1000 % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:31: error: cannot find symbol

long diffMinutes = frequency / (60 \* 1000) % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:32: error: cannot find symbol

long diffHours = frequency / (60 \* 60 \* 1000);

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: class LongWritablelocation: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryDriver.java:9: error: cannot find symbol

JobClient my\_client = new JobClient();

^s

ymbol: class JobClient

location: class SalesCountryDriver

SalesCountryDriver.java:9: error: cannot find symbol

JobClient my\_client = new JobClient();

^s

ymbol: class JobClient

location: class SalesCountryDriver

SalesCountryDriver.java:11: error: cannot find symbol

JobConf job\_conf = new JobConf(SalesCountryDriver.class);

^s

ymbol: class JobConf

location: class SalesCountryDriver

SalesCountryDriver.java:11: error: cannot find symbol

JobConf job\_conf = new JobConf(SalesCountryDriver.class);

^s

ymbol: class JobConf

location: class SalesCountryDriver

SalesCountryDriver.java:17: error: cannot find symbol

job\_conf.setOutputKeyClass(Text.class);

^s

ymbol: class Text

location: class SalesCountryDriver

SalesCountryDriver.java:18: error: cannot find symbol

job\_conf.setOutputValueClass(IntWritable.class);

^s

ymbol: class IntWritable

location: class SalesCountryDriver

SalesCountryDriver.java:25: error: cannot find symbol

job\_conf.setInputFormat(TextInputFormat.class);

^s

ymbol: class TextInputFormat

location: class SalesCountryDriver

SalesCountryDriver.java:26: error: cannot find symbol

job\_conf.setOutputFormat(TextOutputFormat.class);

^s

ymbol: class TextOutputFormat

location: class SalesCountryDriver

SalesCountryDriver.java:31: error: cannot find symbol

FileInputFormat.setInputPaths(job\_conf, new Path(args[0]));

^s

ymbol: class Path

location: class SalesCountryDriver

SalesCountryDriver.java:31: error: cannot find symbolFileInputFormat.setInputPaths(job\_conf, new

Path(args[0]));

^s

ymbol: variable FileInputFormat

location: class SalesCountryDriver

SalesCountryDriver.java:32: error: cannot find symbol

FileOutputFormat.setOutputPath(job\_conf, new Path(args[1]));

^s

ymbol: class Path

location: class SalesCountryDriver

SalesCountryDriver.java:32: error: cannot find symbol

FileOutputFormat.setOutputPath(job\_conf, new Path(args[1]));

^s

ymbol: variable FileOutputFormat

location: class SalesCountryDriver

SalesCountryDriver.java:37: error: cannot find symbol

JobClient.runJob(job\_conf);

^s

ymbol: variable JobClient

location: class SalesCountryDriver

54 errors

saurabh@ubuntu:~/analyzelogs$ export

CLASSPATH="/usr/local/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-client-core-

2.7.2.jar:/usr/local/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-client-common-

2.7.2.jar:/usr/local/hadoop/share/hadoop/common/hadoop-common-

2.7.2.jar:~/analyzelogs/SalesCountry/\*:$HADOOP\_HOME/lib/\*"

saurabh@ubuntu:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java

SalesCountryDriver.java

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class LongWritable

SalesCountryReducer.java:22: error: cannot find symbol

frequency +=temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:26: error: cannot find symbol

frequency += value.getTime() - temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:30: error: cannot find symbol

long diffSeconds = frequency / 1000 % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:31: error: cannot find symbol

long diffMinutes = frequency / (60 \* 1000) % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducerSalesCountryReducer.java:32: error: cannot find symbol

long diffHours = frequency / (60 \* 60 \* 1000);

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: class LongWritable

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: variable frequency

location: class SalesCountryReducer

8 errors

saurabh@ubuntu:~/analyzelogs$ sudo chmod +r \*.\*

[sudo] password for saurabh:

saurabh@ubuntu:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java

SalesCountryDriver.java

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class LongWritable

SalesCountryReducer.java:22: error: cannot find symbol

frequency +=temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:26: error: cannot find symbol

frequency += value.getTime() - temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:30: error: cannot find symbol

long diffSeconds = frequency / 1000 % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:31: error: cannot find symbol

long diffMinutes = frequency / (60 \* 1000) % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:32: error: cannot find symbol

long diffHours = frequency / (60 \* 60 \* 1000);

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));^

symbol: class LongWritable

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: variable frequency

location: class SalesCountryReducer

8 errors

saurabh@ubuntu:~/analyzelogs$ export

CLASSPATH="/usr/local/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-client-core-

2.7.2.jar:/usr/local/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-client-common-

2.7.2.jar:/usr/local/hadoop/share/hadoop/common/hadoop-common-

2.7.2.jar:~/analyzelogs/SalesCountry/\*:$HADOOP\_HOME/lib/\*"

saurabh@ubuntu:~/analyzelogs$ javac -d . SalesMapper.java SalesCountryReducer.java

SalesCountryDriver.java

SalesCountryReducer.java:14: error: cannot find symbol

public class SalesCountryReducer extends MapReduceBase implements Reducer<Text, Date, Text,

LongWritable> {

^s

ymbol: class LongWritable

SalesCountryReducer.java:22: error: cannot find symbol

frequency +=temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:26: error: cannot find symbol

frequency += value.getTime() - temp.getTime();

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:30: error: cannot find symbol

long diffSeconds = frequency / 1000 % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:31: error: cannot find symbol

long diffMinutes = frequency / (60 \* 1000) % 60;

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:32: error: cannot find symbol

long diffHours = frequency / (60 \* 60 \* 1000);

^s

ymbol: variable frequency

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symbol

output.collect(key, new LongWritable(frequency));

^s

ymbol: class LongWritable

location: class SalesCountryReducer

SalesCountryReducer.java:33: error: cannot find symboloutput.collect(key, new

LongWritable(frequency));

^s

ymbol: variable frequency

location: class SalesCountryReducer

8 errors

saurabh@ubuntu:~/analyzelogs$ cd

saurabh@ubuntu:~$ sudo chmod -R 777 analyzelogs/

saurabh@ubuntu:~$ sudo chown -R saurabh analyzelogs/

saurabh@ubuntu:~$ cd analyzelogs/

saurabh@ubuntu:~/analyzelogs$ sudo cp /home/akash/Desktop/Hadoop\_assign1/\* ~/analyzelogs/

cp: omitting directory '/home/akash/Desktop/Hadoop\_assign1/Assignment 2'

saurabh@ubuntu:~/analyzelogs$ ls -ltr

total 696

drwxrwxrwx 2 saurabh hadoop 4096 Jan 26 01:23 SalesCountry

-rwxrwxrwx 1 saurabh root

971 Jan 28 05:03 SalesMapper.java

-rwxrwxrwx 1 saurabh root 1169 Jan 28 05:03 SalesCountryReducer.java

-rwxrwxrwx 1 saurabh root 1367 Jan 28 05:03 SalesCountryDriver.java

-rwxrwxrwx 1 saurabh root 2506 Jan 28 05:03 SalesCountDriver.java

-rwxrwxrwx 1 saurabh akash 158551 Jan 28 06:26 access\_log\_short.csv

-rwxrwxrwx 1 saurabh hadoop 2960 Apr 11 01:45 analyzelogs.jar

-rwxrwxrwx 1 saurabh root 158682 Apr 11 01:47 access\_log\_short\_csv.csv

-rwxrwxrwx 1 saurabh root 143084 Apr 11 01:47 access\_log\_short.txt

-rwxrwxrwx 1 saurabh root 1633 Apr 11 01:47 DriverC.class

-rwxrwxrwx 1 saurabh root 2865 Apr 11 01:47 DriverC.java

-rwxrwxrwx 1 saurabh root 1809 Apr 11 01:47 DriverC$Map.class

-rwxrwxrwx 1 saurabh root 2143 Apr 11 01:47 DriverC$Mappers.class

-rwxrwxrwx 1 saurabh root 1646 Apr 11 01:47 DriverC$Reduce.class

-rwxrwxrwx 1 saurabh root 1310 Apr 11 01:47 Driver.java

-rwxrwxrwx 1 saurabh root 1978 Apr 11 01:47 DriverC$Reducers.class

-rwxrwxrwx 1 saurabh root

392 Apr 11 01:47 hadoop\_mapreduce\_file.txt

-rwxrwxrwx 1 saurabh root 1140 Apr 11 01:47 Mappers.java

-rwxrwxrwx 1 saurabh root

28 Apr 11 01:47 Manifest.txt

-rwxrwxrwx 1 saurabh root 1265 Apr 11 01:47 steps

-rwxrwxrwx 1 saurabh root 1124 Apr 11 01:47 Reducers.java

-rwxrwxrwx 1 saurabh root 172827 Apr 11 01:47 output.csv

saurabh@ubuntu:~/analyzelogs$ ls -al

total 704

drwxrwxrwx 3 saurabh root 4096 Apr 5 19:53 .

drwxr-xr-x 29 saurabh hadoop 4096 Apr 5 19:55 ..

-rwxrwxrwx 1 saurabh akash 158551 Jan 28 06:26 access\_log\_short.csv

-rwxrwxrwx 1 saurabh root 158682 Apr 11 01:47 access\_log\_short\_csv.csv

-rwxrwxrwx 1 saurabh root 143084 Apr 11 01:47 access\_log\_short.txt

-rwxrwxrwx 1 saurabh hadoop 2960 Apr 11 01:45 analyzelogs.jar

-rwxrwxrwx 1 saurabh root 1633 Apr 11 01:47 DriverC.class

-rwxrwxrwx 1 saurabh root 2865 Apr 11 01:47 DriverC.java

-rwxrwxrwx 1 saurabh root 1809 Apr 11 01:47 DriverC$Map.class

-rwxrwxrwx 1 saurabh root 2143 Apr 11 01:47 DriverC$Mappers.class

-rwxrwxrwx 1 saurabh root 1646 Apr 11 01:47 DriverC$Reduce.class

-rwxrwxrwx 1 saurabh root 1978 Apr 11 01:47 DriverC$Reducers.class

-rwxrwxrwx 1 saurabh root 1310 Apr 11 01:47 Driver.java

-rwxrwxrwx 1 saurabh root

392 Apr 11 01:47 hadoop\_mapreduce\_file.txt

-rwxrwxrwx 1 saurabh root

28 Apr 11 01:47 Manifest.txt-rwxrwxrwx 1 saurabh root 1140 Apr 11 01:47 Mappers.java

-rwxrwxrwx 1 saurabh root 172827 Apr 11 01:47 output.csv

-rwxrwxrwx 1 saurabh root 1124 Apr 11 01:47 Reducers.java

-rwxrwxrwx 1 saurabh root 2506 Jan 28 05:03 SalesCountDriver.java

drwxrwxrwx 2 saurabh hadoop 4096 Jan 26 01:23 SalesCountry

-rwxrwxrwx 1 saurabh root 1367 Jan 28 05:03 SalesCountryDriver.java

-rwxrwxrwx 1 saurabh root 1169 Jan 28 05:03 SalesCountryReducer.java

-rwxrwxrwx 1 saurabh root

971 Jan 28 05:03 SalesMapper.java

-rwxrwxrwx 1 saurabh root 1265 Apr 11 01:47 steps

saurabh@ubuntu:~/analyzelogs$ susudo chmod +r \*.\*

susudo: command not found

saurabh@ubuntu:~/analyzelogs$ sudo chmod +r \*.\*

saurabh@ubuntu:~/analyzelogs$ javac -d . Mapper.java Reducer.java Driver.javajavac: file not

found: Mapper.java

Usage: javac <options> <source files>

use -help for a list of possible options

saurabh@ubuntu:~/analyzelogs$ ls

access\_log\_short.csv

DriverC$Reduce.class

SalesCountDriver.java

access\_log\_short\_csv.csv DriverC$Reducers.class SalesCountry

access\_log\_short.txt

Driver.java

SalesCountryDriver.java

analyzelogs.jar

hadoop\_mapreduce\_file.txt SalesCountryReducer.java

DriverC.class

Manifest.txt

SalesMapper.java

DriverC.java

Mappers.java

steps

DriverC$Map.class

output.csv

DriverC$Mappers.class Reducers.java

saurabh@ubuntu:~/analyzelogs$ javac -d . Mappers.java Reducers.java Driver.java

saurabh@ubuntu:~/analyzelogs$ sudo gedit Manifest.txt

\*\* (gedit:7104): WARNING \*\*: Set document metadata failed: Setting attribute metadata::geditspell-

language not supported

\*\* (gedit:7104): WARNING \*\*: Set document metadata failed: Setting attribute metadata::geditencoding

not supported

\*\* (gedit:7104): WARNING \*\*: Set document metadata failed: Setting attribute metadata::geditposition

not supported

saurabh@ubuntu:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt SalesCountry/\*.class

saurabh@ubuntu:~/analyzelogs$ cd

saurabh@ubuntu:~$ sudo mkdir ~/input200000

saurabh@ubuntu:~$ sudo cp access\_log\_short.csv ~/input200000/

cp: cannot stat 'access\_log\_short.csv': No such file or directory

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ sudo cp access\_log\_short.csv ~/input200000/

saurabh@ubuntu:~/analyzelogs$ /usr/local/hadoop/bin/hdfs dfs -put ~/input200000

18/04/11 01:51:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your

platform... using builtin-java classes where applicable

put: `.': No such file or directory

saurabh@ubuntu:~/analyzelogs$ /usr/local/hadoop/bin/hdfs dfs -put ~/input200000 /18/04/11

01:52:03 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...

using builtin-java classes where applicable

saurabh@ubuntu:~/analyzelogs$ cdsaurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar

/analyzelogs/analyzelogs.jar /input200000

/output200000

Not a valid JAR: /analyzelogs/analyzelogs.jar

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ jar -cfm analyzelogs.jar Manifest.txt Classes/\*.class

saurabh@ubuntu:~/analyzelogs$ cd

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/analyzelogs.jar /input200000

/output200000

Not a valid JAR: /analyzelogs/analyzelogs.jar

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ ls

access\_log\_short.csv

DriverC$Mappers.class

Reducers.java

access\_log\_short\_csv.csv DriverC$Reduce.class

SalesCountDriver.java

access\_log\_short.txt

DriverC$Reducers.class SalesCountry

analyzelogs.jar

Driver.java

SalesCountryDriver.java

Classes

hadoop\_mapreduce\_file.txt SalesCountryReducer.java

DriverC.class

Manifest.txt

SalesMapper.java

DriverC.java

Mappers.java

steps

DriverC$Map.class

output.csv

saurabh@ubuntu:~/analyzelogs$ jar -cfm logs.jar Manifest.txt

Classes/\*.classsaurabh@ubuntu:~/analyzelogs$ ls

access\_log\_short.csv

DriverC$Mappers.class

output.csv

access\_log\_short\_csv.csv DriverC$Reduce.class

Reducers.java

access\_log\_short.txt

DriverC$Reducers.class SalesCountDriver.java

analyzelogs.jar

Driver.java

SalesCountry

Classes

hadoop\_mapreduce\_file.txt SalesCountryDriver.java

DriverC.class

logs.jar

SalesCountryReducer.java

DriverC.java

Manifest.txt

SalesMapper.java

DriverC$Map.class

Mappers.java

steps

saurabh@ubuntu:~/analyzelogs$ cd

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/analyzelogs.jar /input200000

/output200000

Not a valid JAR: /analyzelogs/analyzelogs.jar

saurabh@ubuntu:~$ /usr/local/hadoop/bin/hadoop jar /analyzelogs/logs.jar /input200000

/output200000

Not a valid JAR: /analyzelogs/logs.jar

saurabh@ubuntu:~$ cd

saurabh@ubuntu:~$ cd analyzelogs

saurabh@ubuntu:~/analyzelogs$ /usr/local/hadoop/bin/hadoop jar logs.jar /input200000

/output200000

18/04/11 01:54:30 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your

platform... using builtin-java classes where applicable

18/04/11 01:54:31 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032

18/04/11 01:54:31 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032

18/04/11 01:54:31 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing

not performed. Implement the Tool interface and execute your application with ToolRunner to

remedy this.

18/04/11 01:54:32 INFO mapred.FileInputFormat: Total input paths to process : 1

18/04/11 01:54:32 INFO mapreduce.JobSubmitter: number of splits:2

18/04/11 01:54:33 INFO mapreduce.JobSubmitter: Submitting tokens for job:

job\_1523391238395\_000118/04/11 01:54:34 INFO impl.YarnClientImpl: Submitted application

application\_1523391238395\_0001

18/04/11 01:54:34 INFO mapreduce.Job: The url to track the job:

http://ubuntu:8088/proxy/application\_1523391238395\_0001/

18/04/11 01:54:34 INFO mapreduce.Job: Running job: job\_1523391238395\_0001

18/04/11 01:54:43 INFO mapreduce.Job: Job job\_1523391238395\_0001 running in uber mode :

false

18/04/11 01:54:43 INFO mapreduce.Job: map 0% reduce 0%

18/04/11 01:54:52 INFO mapreduce.Job: map 100% reduce 0%

18/04/11 01:55:05 INFO mapreduce.Job: map 100% reduce 100%

18/04/11 01:55:07 INFO mapreduce.Job: Job job\_1523391238395\_0001 completed successfully

18/04/11 01:55:07 INFO mapreduce.Job: Counters: 49

File System Counters

FILE: Number of bytes read=6

FILE: Number of bytes written=352127

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=162861

HDFS: Number of bytes written=0

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)=14049

Total time spent by all reduces in occupied slots (ms)=8416

Total time spent by all map tasks (ms)=14049

Total time spent by all reduce tasks (ms)=8416

Total vcore-milliseconds taken by all map tasks=14049

Total vcore-milliseconds taken by all reduce tasks=8416

Total megabyte-milliseconds taken by all map tasks=14386176

Total megabyte-milliseconds taken by all reduce tasks=8617984

Map-Reduce Framework

Map input records=1294

Map output records=0

Map output bytes=0

Map output materialized bytes=12

Input split bytes=214

Combine input records=0

Combine output records=0

Reduce input groups=0

Reduce shuffle bytes=12

Reduce input records=0

Reduce output records=0

Spilled Records=0

Shuffled Maps =2

Failed Shuffles=0

Merged Map outputs=2

GC time elapsed (ms)=353CPU time spent (ms)=3320

Physical memory (bytes) snapshot=685301760

Virtual memory (bytes) snapshot=5764517888

Total committed heap usage (bytes)=498597888

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=162647

File Output Format Counters

Bytes Written=0