

## BDA HADOOP LAB 2 OUTPUT SCREENSHOTS

### AVERAGE TEMPERATUE

```
hduser@ubuntu:~$ jps
3588 Jps
2518 NameNode
2951 SecondaryNameNode
2696 DataNode
3275 NodeManager
3116 ResourceManager
hduser@ubuntu:~$ javac AverageDriver.java AverageMapper.java AverageReducer.java
a -cp $(Hadoop classpath)
Hadoop: command not found
error: file not found: AverageDriver.java
Usage: javac <options> <source files>
use --help for a list of possible options
hduser@ubuntu:~$ javac AverageDriver.java AverageMapper.java AverageReducer.java
a -cp $(Hadoop classpath)
Hadoop: command not found
error: --class-path requires an argument
Usage: javac <options> <source files>
use --help for a list of possible options
hduser@ubuntu:~$ javac AverageDriver.java AverageMapper.java AverageReducer.java
a -cp $(hadoop classpath)
Note: AverageDriver.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
hduser@ubuntu:~$ ls
AverageDriver.class  AverageReducer.java  file1.txt  Public
AverageDriver.java  Desktop              hadoop-2.6.0  Templates
AverageMapper.class  Documents            hadoop-2.6.0.tar.gz  Videos
AverageMapper.java   Downloads            Music
AverageReducer.class examples.desktop     Pictures
```

```
hduser@ubuntu:~$ hadoop fs -mkdir /input2
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-
2.6.0.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 reflec
tive access operations
WARNING: All illegal access operations will be denied in a future release
20/12/14 22:49:23 WARN util.NativeCodeLoader: Unable to load native-hadoop libr
ary for your platform... using builtin-java classes where applicable
hduser@ubuntu:~$ hadoop fs -copyFromLocal /home/hduser/Desktop/1901 /input2/ave
rageTemp.txt
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-
2.6.0.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 reflec
tive access operations
WARNING: All illegal access operations will be denied in a future release
20/12/14 22:56:07 WARN util.NativeCodeLoader: Unable to load native-hadoop libr
ary for your platform... using builtin-java classes where applicable
copyFromLocal: `/home/hduser/Desktop/1901': No such file or directory
hduser@ubuntu:~$ hadoop fs -copyFromLocal /home/hduser/Desktop/1901 /input2/ave
rageTemp.txt
WARNING: An illegal reflective access operation has occurred
```



```

hduser@ubuntu:~$ hadoop jar /home/hduser/Desktop/Average.jar AverageDriver /input2/averageTemp.txt /input2/output2
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-2.6.0.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
20/12/14 22:57:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
20/12/14 22:57:14 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session-id
20/12/14 22:57:14 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=
20/12/14 22:57:15 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
20/12/14 22:57:15 INFO input.FileInputFormat: Total input paths to process : 1
20/12/14 22:57:16 INFO mapreduce.JobSubmitter: number of splits:1
20/12/14 22:57:17 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local1669294351_0001
20/12/14 22:57:18 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
20/12/14 22:57:18 INFO mapreduce.Job: Running job: job_local1669294351_0001
20/12/14 22:57:18 INFO mapred.LocalJobRunner: OutputCommitter set in config null

```

```

Virtual memory (bytes) snapshot=0
Total committed heap usage (bytes)=333447168
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=888190
File Output Format Counters
Bytes Written=8
hduser@ubuntu:~$ hadoop fs -ls /input2
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-2.6.0.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
20/12/14 22:57:49 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 hduser supergroup 888190 2020-12-14 22:56 /input2/averageTemp.txt
drwxr-xr-x - hduser supergroup 0 2020-12-14 22:57 /input2/output2

```

```

hduser@ubuntu:~$ hadoop fs -cat /input2/output2/part-r-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-2.6.0.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
20/12/14 22:58:06 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
1901 46

```