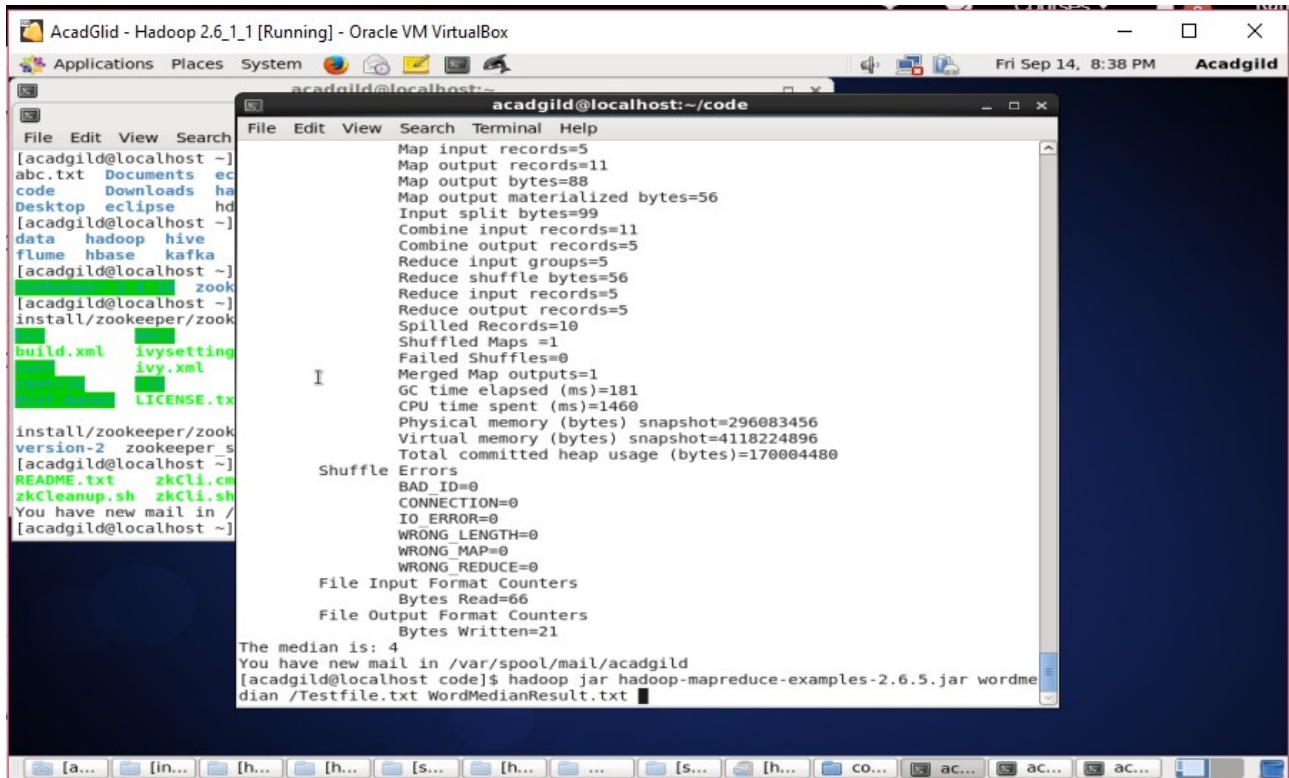


Executing WordMedian program using hadoop samples jar

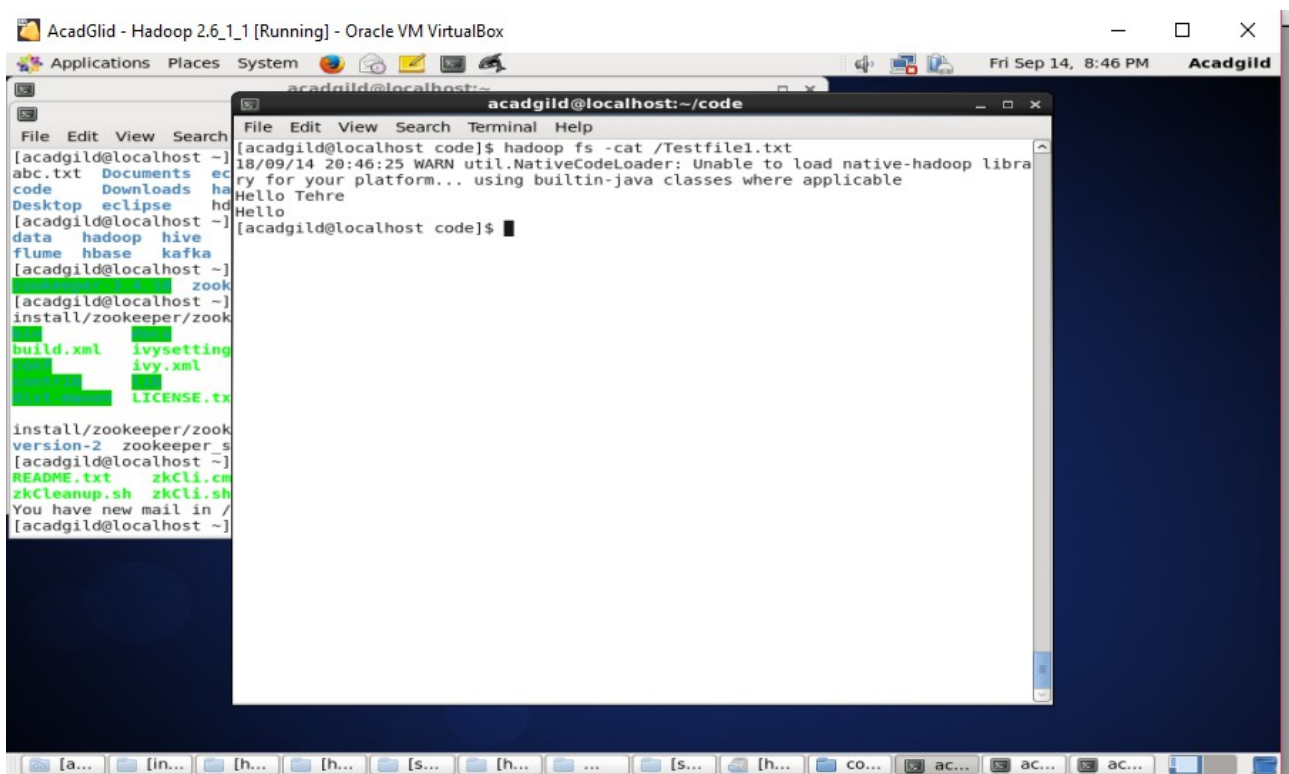
`hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordmedian <input file> <output file>`

from example jar it will run wordmedian map reduce program and return median on screen as in below snap



```
AcadGild - Hadoop 2.6.1_1 [Running] - Oracle VM VirtualBox
Acadgild@localhost:~/code
Map input records=5
Map output records=11
Map output bytes=88
Map output materialized bytes=56
Input split bytes=99
Combine input records=11
Combine output records=5
Reduce input groups=5
Reduce shuffle bytes=56
Reduce input records=5
Reduce output records=5
Spilled Records=10
Shuffled Maps=1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=181
CPU time spent (ms)=1460
Physical memory (bytes) snapshot=296083456
Virtual memory (bytes) snapshot=4118224896
Total committed heap usage (bytes)=170004480
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=66
File Output Format Counters
Bytes Written=21
The median is: 4
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost code]$ hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordmedian /Testfile.txt WordMedianResult.txt
```

input file

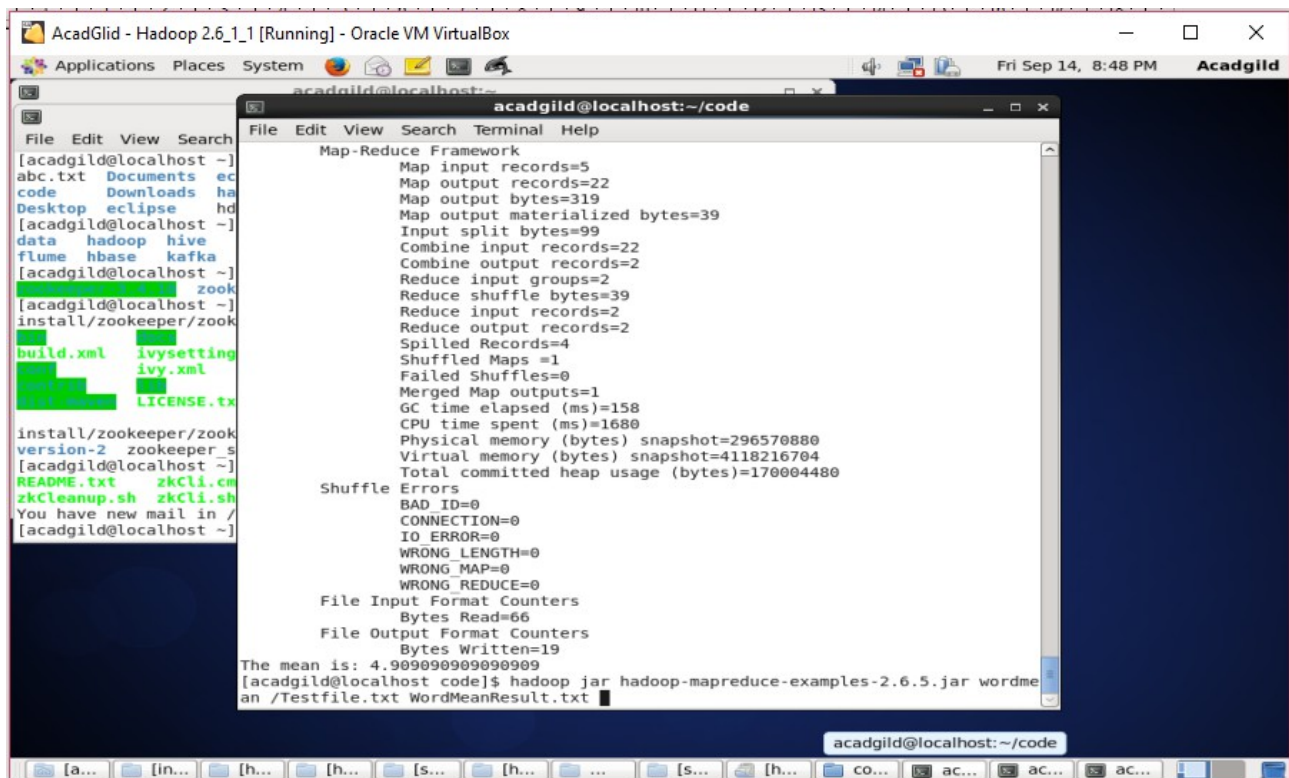


```
AcadGild - Hadoop 2.6.1_1 [Running] - Oracle VM VirtualBox
Acadgild@localhost:~/code
[acadgild@localhost code]$ hadoop fs -cat /Testfile1.txt
18/09/14 20:46:25 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hello Tehre
Hello
[acadgild@localhost code]$
```

Executing WordMean program using hadoop samples jar

`hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordmean <input file> <output file>`

from example jar it will run wordmean map reduce program and return mean on screen as in below snap



```
AcadGild - Hadoop 2.6.1_1 [Running] - Oracle VM VirtualBox
Applications Places System
acacgild@localhost:~/code
File Edit View Search
[acacgild@localhost ~]
abc.txt Documents ec
code Downloads ha
Desktop eclipse hd
[acacgild@localhost ~]
data hadoop hive
flume hbase kafka
[acacgild@localhost ~]
install/zookeeper/zook
build.xml ivysetting
README.txt zkCli.cm
zkCleanup.sh zkCli.sh
You have new mail in /
[acacgild@localhost ~]

Map-Reduce Framework
  Map input records=5
  Map output records=22
  Map output bytes=319
  Map output materialized bytes=39
  Input split bytes=99
  Combine input records=22
  Combine output records=2
  Reduce input groups=2
  Reduce shuffle bytes=39
  Reduce input records=2
  Reduce output records=2
  Spilled Records=4
  Shuffled Maps =1
  Failed Shuffles=0
  Merged Map outputs=1
  GC time elapsed (ms)=158
  CPU time spent (ms)=1680
  Physical memory (bytes) snapshot=296570880
  Virtual memory (bytes) snapshot=4118216704
  Total committed heap usage (bytes)=170004480

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=66
File Output Format Counters
  Bytes Written=19
The mean is: 4.909090909090909
[acacgild@localhost code]$ hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordme
an /Testfile.txt WordMeanResult.txt
```

Executing WordStandardDeviation program using hadoop samples jar

`hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordstandarddeviation <input file> <output file>`

from example jar it will run wordstandarddeviation map reduce program and return mean on screen as in below snap

AcadGild - Hadoop 2.6.1_1 [Running] - Oracle VM VirtualBox

Applications Places System Fri Sep 14, 8:51 PM Acadgild

```
acadmild@localhost: ~
File Edit View Search
[acadmild@localhost ~]
abc.txt Documents ec
code Downloads ha
Desktop eclipse hd
[acadmild@localhost ~]
data hadoop hive
flume hbase kafka
[acadmild@localhost ~]
install/zookeeper/zook
[acadmild@localhost ~]
build.xml ivysetting
ivy.xml
LICENSE.tx
install/zookeeper/zook
version-2 zookeeper s
[acadmild@localhost ~]
README.txt zkCli.cm
zkCleanup.sh zkCli.sh
You have new mail in /
[acadmild@localhost ~]
```

```
acadmild@localhost: ~/code
File Edit View Search Terminal Help
Map-Reduce Framework
Map input records=5
Map output records=33
Map output bytes=484
Map output materialized bytes=56
Input split bytes=99
Combine input records=33
Combine output records=3
Reduce input groups=3
Reduce shuffle bytes=56
Reduce input records=3
Reduce output records=3
Spilled Records=6
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=153
CPU time spent (ms)=1430
Physical memory (bytes) snapshot=295288832
Virtual memory (bytes) snapshot=4118224896
Total committed heap usage (bytes)=170004480

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=66
File Output Format Counters
Bytes Written=30
The standard deviation is: 2.234219223171728
[acadmild@localhost code]$ hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordst
andarddeviation /Testfile.txt WordStdDevResult.txt
```

acadmild@localhost: ~/code