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bigdata@bigdata-VirtualBox:~/A1$ $HADOOP_HOME/bin/hadoop fs -cat
/user/bigdata/SpeedCamera.txt
UPS234 17-JAN-2019 190
PKR856 12-DEC-2018 120
PKR856 12-FEB-2018 80
PKR856 01-JAN-2019 60
ALUK234 21-OCT-2020 200
ALUK234 22-OCT-2020 60
UPS234 17-JAN-2019 190
PKR856 12-DEC-2018 120
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PKR856 12-FEB-2018 80
PKR856 01-JAN-2019 60
ALUK234 21-OCT-2020 200
ALUK234 22-OCT-2020 60

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bigdata@bigdata-VirtualBox:~/A1$ export
HADOOP_CLASSPATH=$(HADOOP_HOME/bin/hadoop classpath)
bigdata@bigdata-VirtualBox:~/A1$ javac -classpath ${HADOOP_CLASSPATH}
solution2.java
bigdata@bigdata-VirtualBox:~/A1$ jar cf solution2.jar solution2*.class
bigdata@bigdata-VirtualBox:~/A1$ $HADOOP_HOME/bin/hadoop jar
solution2.jar solution2 SpeedCamera.txt out
21/10/13 00:41:02 INFO client.RMProxy: Connecting to ResourceManager at
bigdata-VirtualBox/10.0.2.15:8032
21/10/13 00:41:03 WARN mapreduce.JobResourceUploader: Hadoop command-line
option parsing not performed. Implement the Tool interface and execute
your application with ToolRunner to remedy this.
21/10/13 00:41:03 INFO input.FileInputFormat: Total input paths to
process : 1
21/10/13 00:41:03 INFO mapreduce.JobSubmitter: number of splits:1
21/10/13 00:41:03 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_1633997001299_0005
21/10/13 00:41:04 INFO impl.YarnClientImpl: Submitted application
application_1633997001299_0005
21/10/13 00:41:04 INFO mapreduce.Job: The url to track the job:
http://bigdata-VirtualBox:8088/proxy/application_1633997001299_0005/
21/10/13 00:41:04 INFO mapreduce.Job: Running job: job_1633997001299_0005
21/10/13 00:41:11 INFO mapreduce.Job: Job job_1633997001299_0005 running
in uber mode : false
21/10/13 00:41:11 INFO mapreduce.Job:  map 0% reduce 0%
21/10/13 00:41:16 INFO mapreduce.Job:  map 100% reduce 0%
21/10/13 00:41:22 INFO mapreduce.Job:  map 100% reduce 100%
21/10/13 00:41:23 INFO mapreduce.Job: Job job_1633997001299_0005
completed successfully
21/10/13 00:41:23 INFO mapreduce.Job: Counters: 49
File System Counters

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FILE: Number of bytes read=46
FILE: Number of bytes written=237657
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=664
HDFS: Number of bytes written=34
HDFS: Number of read operations=6
HDFS: Number of large read operations=0
HDFS: Number of write operations=2

Job Counters

Launched map tasks=1
Launched reduce tasks=1
Data-local map tasks=1
Total time spent by all maps in occupied slots (ms)=2830
Total time spent by all reduces in occupied slots (ms)=3287
Total time spent by all map tasks (ms)=2830
Total time spent by all reduce tasks (ms)=3287
Total vcore-milliseconds taken by all map tasks=2830
Total vcore-milliseconds taken by all reduce tasks=3287
Total megabyte-milliseconds taken by all map tasks=2897920
Total megabyte-milliseconds taken by all reduce tasks=3365888

Map-Reduce Framework

Map input records=25
Map output records=16
Map output bytes=180
Map output materialized bytes=46
Input split bytes=115
Combine input records=16
Combine output records=3
Reduce input groups=3
Reduce shuffle bytes=46
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)=154
CPU time spent (ms)=1370
Physical memory (bytes) snapshot=447000576
Virtual memory (bytes) snapshot=3823681536
Total committed heap usage (bytes)=329777152

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=549

File Output Format Counters

Bytes Written=34

bigdata@bigdata-VirtualBox:~/A1\$ \$HADOOP_HOME/bin/hadoop fs -cat
/user/bigdata/out/part-r-00000

ALUK234 200
PKR856 100

UPS234 190
bigdata@bigdata-VirtualBox:~/A1\$