ASSIGNMENT4 – TASK1

[acadgild@localhost Appasaheb]$ hadoop jar Assignment4.jar mapreduce.assignment.task1.Task1 /user/acadgild/hadoop/Assignment/s4/dataset.txt /user/acadgild/hadoop/Assignment/s4/task1-result

17/06/21 22:38:51 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

17/06/21 22:38:56 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032

17/06/21 22:39:00 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.

17/06/21 22:39:02 INFO input.FileInputFormat: Total input paths to process : 1

17/06/21 22:39:03 INFO mapreduce.JobSubmitter: number of splits:1

17/06/21 22:39:04 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_1498060528961\_0006

17/06/21 22:39:05 INFO impl.YarnClientImpl: Submitted application application\_1498060528961\_0006

17/06/21 22:39:05 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application\_1498060528961\_0006/

17/06/21 22:39:05 INFO mapreduce.Job: Running job: job\_1498060528961\_0006

17/06/21 22:39:41 INFO mapreduce.Job: Job job\_1498060528961\_0006 running in uber mode : false

17/06/21 22:39:41 INFO mapreduce.Job: map 0% reduce 0%

17/06/21 22:40:11 INFO mapreduce.Job: map 100% reduce 0%

17/06/21 22:40:12 INFO mapreduce.Job: Job job\_1498060528961\_0006 completed successfully

17/06/21 22:40:13 INFO mapreduce.Job: Counters: 30

File System Counters

FILE: Number of bytes read=0

FILE: Number of bytes written=105832

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=866

HDFS: Number of bytes written=646

HDFS: Number of read operations=5

HDFS: Number of large read operations=0

HDFS: Number of write operations=2

Job Counters

Launched map tasks=1

Data-local map tasks=1

Total time spent by all maps in occupied slots (ms)=25068

Total time spent by all reduces in occupied slots (ms)=0

Total time spent by all map tasks (ms)=25068

Total vcore-seconds taken by all map tasks=25068

Total megabyte-seconds taken by all map tasks=25669632

Map-Reduce Framework

Map input records=18

Map output records=16

Input split bytes=133

Spilled Records=0

Failed Shuffles=0

Merged Map outputs=0

GC time elapsed (ms)=452

CPU time spent (ms)=2310

Physical memory (bytes) snapshot=85880832

Virtual memory (bytes) snapshot=2055815168

Total committed heap usage (bytes)=16318464

File Input Format Counters

Bytes Read=733

File Output Format Counters

Bytes Written=646

[acadgild@localhost Appasaheb]$ hadoop fs -ls /user/acadgild/hadoop/Assignment/s4/task1-result

17/06/21 22:41:12 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 acadgild supergroup 0 2017-06-21 22:40 /user/acadgild/hadoop/Assignment/s4/task1-result/\_SUCCESS

-rw-r--r-- 1 acadgild supergroup 646 2017-06-21 22:40 /user/acadgild/hadoop/Assignment/s4/task1-result/part-m-00000

**[acadgild@localhost Appasaheb]$ hadoop fs -cat /user/acadgild/hadoop/Assignment/s4/task1-result/part-m-00000**

17/06/21 22:42:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Samsung|Optima|14|Madhya Pradesh|132401|14200

Onida|Lucid|18|Uttar Pradesh|232401|16200

Akai|Decent|16|Kerala|922401|12200

Lava|Attention|20|Assam|454601|24200

Zen|Super|14|Maharashtra|619082|9200

Samsung|Optima|14|Madhya Pradesh|132401|14200

Onida|Lucid|18|Uttar Pradesh|232401|16200

Onida|Decent|14|Uttar Pradesh|232401|16200

Lava|Attention|20|Assam|454601|24200

Zen|Super|14|Maharashtra|619082|9200

Samsung|Optima|14|Madhya Pradesh|132401|14200

Samsung|Decent|16|Kerala|922401|12200

Lava|Attention|20|Assam|454601|24200

Samsung|Super|14|Maharashtra|619082|9200

Samsung|Super|14|Maharashtra|619082|9200

Samsung|Super|14|Maharashtra|619082|9200

**ASSIGNMENT4 – TASK2**

[acadgild@localhost Appasaheb]$ hadoop jar Assignment4.jar mapreduce.assignment.task2.Task2 /user/acadgild/hadoop/Assignment/s4/dataset.txt /user/acadgild/hadoop/Assignment/s4/task2-result

17/06/21 22:48:52 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

17/06/21 22:48:58 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032

17/06/21 22:49:02 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.

17/06/21 22:49:04 INFO input.FileInputFormat: Total input paths to process : 1

17/06/21 22:49:05 INFO mapreduce.JobSubmitter: number of splits:1

17/06/21 22:49:06 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_1498060528961\_0007

17/06/21 22:49:07 INFO impl.YarnClientImpl: Submitted application application\_1498060528961\_0007

17/06/21 22:49:07 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application\_1498060528961\_0007/

17/06/21 22:49:07 INFO mapreduce.Job: Running job: job\_1498060528961\_0007

17/06/21 22:49:44 INFO mapreduce.Job: Job job\_1498060528961\_0007 running in uber mode : false

17/06/21 22:49:44 INFO mapreduce.Job: map 0% reduce 0%

17/06/21 22:50:13 INFO mapreduce.Job: map 100% reduce 0%

17/06/21 22:50:42 INFO mapreduce.Job: map 100% reduce 100%

17/06/21 22:50:44 INFO mapreduce.Job: Job job\_1498060528961\_0007 completed successfully

17/06/21 22:50:45 INFO mapreduce.Job: Counters: 49

File System Counters

FILE: Number of bytes read=225

FILE: Number of bytes written=213403

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=866

HDFS: Number of bytes written=43

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)=24448

Total time spent by all reduces in occupied slots (ms)=25906

Total time spent by all map tasks (ms)=24448

Total time spent by all reduce tasks (ms)=25906

Total vcore-seconds taken by all map tasks=24448

Total vcore-seconds taken by all reduce tasks=25906

Total megabyte-seconds taken by all map tasks=25034752

Total megabyte-seconds taken by all reduce tasks=26527744

Map-Reduce Framework

Map input records=18

Map output records=18

Map output bytes=183

Map output materialized bytes=225

Input split bytes=133

Combine input records=0

Combine output records=0

Reduce input groups=6

Reduce shuffle bytes=225

Reduce input records=18

Reduce output records=6

Spilled Records=36

Shuffled Maps =1

Failed Shuffles=0

Merged Map outputs=1

GC time elapsed (ms)=926

CPU time spent (ms)=5430

Physical memory (bytes) snapshot=271618048

Virtual memory (bytes) snapshot=4113903616

Total committed heap usage (bytes)=137498624

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=733

File Output Format Counters

Bytes Written=43

[acadgild@localhost Appasaheb]$ hadoop fs -ls /user/acadgild/hadoop/Assignment/s4/task2-result 17/06/21 22:51:56 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 acadgild supergroup 0 2017-06-21 22:50 /user/acadgild/hadoop/Assignment/s4/task2-result/\_SUCCESS

-rw-r--r-- 1 acadgild supergroup 43 2017-06-21 22:50 /user/acadgild/hadoop/Assignment/s4/task2-result/part-r-00000

[acadgild@localhost Appasaheb]$ hadoop fs -ls /user/acadgild/hadoop/Assignment/s4/task2-result/part-r-00000

17/06/21 22:52:35 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

-rw-r--r-- 1 acadgild supergroup 43 2017-06-21 22:50 /user/acadgild/hadoop/Assignment/s4/task2-result/part-r-00000

[acadgild@localhost Appasaheb]$ hadoop fs -cat /user/acadgild/hadoop/Assignment/s4/task2-result/part-r-00000

17/06/21 22:53:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Akai 1

Lava 3

NA 1

Onida 4

Samsung 7

Zen 2

[acadgild@localhost Appasaheb]$

ASSIGNMENT4 – TASK3

[acadgild@localhost Appasaheb]$ hadoop jar Assignment4.jar mapreduce.assignment.task3.Task3 /user/acadgild/hadoop/Assignment/s4/dataset.txt /user/acadgild/hadoop/Assignment/s4/task32-result

17/06/21 23:20:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

17/06/21 23:20:06 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032

17/06/21 23:20:11 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.

17/06/21 23:20:15 INFO input.FileInputFormat: Total input paths to process : 1

17/06/21 23:20:18 INFO mapreduce.JobSubmitter: number of splits:1

17/06/21 23:20:19 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_1498060528961\_0010

17/06/21 23:20:21 INFO impl.YarnClientImpl: Submitted application application\_1498060528961\_0010

17/06/21 23:20:21 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application\_1498060528961\_0010/

17/06/21 23:20:21 INFO mapreduce.Job: Running job: job\_1498060528961\_0010

17/06/21 23:21:07 INFO mapreduce.Job: Job job\_1498060528961\_0010 running in uber mode : false

17/06/21 23:21:07 INFO mapreduce.Job: map 0% reduce 0%

17/06/21 23:21:41 INFO mapreduce.Job: map 100% reduce 0%

17/06/21 23:22:55 INFO mapreduce.Job: map 100% reduce 100%

17/06/21 23:23:03 INFO mapreduce.Job: Job job\_1498060528961\_0010 completed successfully

17/06/21 23:23:04 INFO mapreduce.Job: Counters: 49

File System Counters

FILE: Number of bytes read=103

FILE: Number of bytes written=213161

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=866

HDFS: Number of bytes written=37

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)=30512

Total time spent by all reduces in occupied slots (ms)=67572

Total time spent by all map tasks (ms)=30512

Total time spent by all reduce tasks (ms)=67572

Total vcore-seconds taken by all map tasks=30512

Total vcore-seconds taken by all reduce tasks=67572

Total megabyte-seconds taken by all map tasks=31244288

Total megabyte-seconds taken by all reduce tasks=69193728

Map-Reduce Framework

Map input records=18

Map output records=4

Map output bytes=89

Map output materialized bytes=103

Input split bytes=133

Combine input records=0

Combine output records=0

Reduce input groups=2

Reduce shuffle bytes=103

Reduce input records=4

Reduce output records=2

Spilled Records=8

Shuffled Maps =1

Failed Shuffles=0

Merged Map outputs=1

GC time elapsed (ms)=962

CPU time spent (ms)=6620

Physical memory (bytes) snapshot=272068608

Virtual memory (bytes) snapshot=4114685952

Total committed heap usage (bytes)=137498624

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=733

File Output Format Counters

Bytes Written=37

[acadgild@localhost Appasaheb]$ hadoop fs -cat /user/acadgild/hadoop/Assignment/s4/task32-result/part-r-00000 17/06/21 23:23:33 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

onida Kerala 1

onida Uttar Pradesh 3

[acadgild@localhost Appasaheb]$