hdoop@gaurav:~/eclipse-workspace1$ gedit input.txt

hdoop@gaurav:~/eclipse-workspace1$ cd ..

hdoop@gaurav:~$ ls

Desktop eclipse examples.desktop Music snap Videos

Documents eclipse-workspace hadoop-3.2.1 Pictures Templates

Downloads eclipse-workspace1 hadoop-3.2.1.tar.gz Public tmpdata

hdoop@gaurav:~$ cd /home/hdoop/eclipse-workspace1/

hdoop@gaurav:~/eclipse-workspace1$ hadoop fs -put input.txt

2021-05-03 13:09:21,302 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

hdoop@gaurav:~/eclipse-workspace1$ hadoop fs -cat input.txt

2021-05-03 13:10:11,949 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

car deer river

deer river car

car bike river

hdoop@gaurav:~/eclipse-workspace1$ ls

Hadoop\_Programs input.txt wordcount.jar

hdoop@gaurav:~/eclipse-workspace1$ hadoop jar wordcount.jar WordCount input.txt output

2021-05-03 13:12:17,887 INFO client.RMProxy: Connecting to ResourceManager at /127.0.0.1:8032

2021-05-03 13:12:18,817 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.

2021-05-03 13:12:18,872 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/hdoop/.staging/job\_1620025028505\_0001

2021-05-03 13:12:19,042 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

2021-05-03 13:12:19,214 INFO input.FileInputFormat: Total input files to process : 1

2021-05-03 13:12:19,404 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

2021-05-03 13:12:19,471 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

2021-05-03 13:12:19,492 INFO mapreduce.JobSubmitter: number of splits:1

2021-05-03 13:12:20,025 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

2021-05-03 13:12:20,047 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_1620025028505\_0001

2021-05-03 13:12:20,047 INFO mapreduce.JobSubmitter: Executing with tokens: []

2021-05-03 13:12:20,415 INFO conf.Configuration: resource-types.xml not found

2021-05-03 13:12:20,416 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.

2021-05-03 13:12:20,957 INFO impl.YarnClientImpl: Submitted application application\_1620025028505\_0001

2021-05-03 13:12:21,055 INFO mapreduce.Job: The url to track the job: http://gaurav:8088/proxy/application\_1620025028505\_0001/

2021-05-03 13:12:21,056 INFO mapreduce.Job: Running job: job\_1620025028505\_0001

2021-05-03 13:12:33,367 INFO mapreduce.Job: Job job\_1620025028505\_0001 running in uber mode : false

2021-05-03 13:12:33,370 INFO mapreduce.Job: map 0% reduce 0%

2021-05-03 13:12:42,160 INFO mapreduce.Job: map 100% reduce 0%

2021-05-03 13:12:49,211 INFO mapreduce.Job: map 100% reduce 100%

2021-05-03 13:12:50,233 INFO mapreduce.Job: Job job\_1620025028505\_0001 completed successfully

2021-05-03 13:12:50,374 INFO mapreduce.Job: Counters: 54

File System Counters

FILE: Number of bytes read=50

FILE: Number of bytes written=450957

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=153

HDFS: Number of bytes written=28

HDFS: Number of read operations=8

HDFS: Number of large read operations=0

HDFS: Number of write operations=2

HDFS: Number of bytes read erasure-coded=0

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)=5655

Total time spent by all reduces in occupied slots (ms)=4640

Total time spent by all map tasks (ms)=5655

Total time spent by all reduce tasks (ms)=4640

Total vcore-milliseconds taken by all map tasks=5655

Total vcore-milliseconds taken by all reduce tasks=4640

Total megabyte-milliseconds taken by all map tasks=5790720

Total megabyte-milliseconds taken by all reduce tasks=4751360

Map-Reduce Framework

Map input records=4

Map output records=9

Map output bytes=81

Map output materialized bytes=50

Input split bytes=107

Combine input records=9

Combine output records=4

Reduce input groups=4

Reduce shuffle bytes=50

Reduce input records=4

Reduce output records=4

Spilled Records=8

Shuffled Maps =1

Failed Shuffles=0

Merged Map outputs=1

GC time elapsed (ms)=195

CPU time spent (ms)=1390

Physical memory (bytes) snapshot=461934592

Virtual memory (bytes) snapshot=5181456384

Total committed heap usage (bytes)=407371776

Peak Map Physical memory (bytes)=280145920

Peak Map Virtual memory (bytes)=2586025984

Peak Reduce Physical memory (bytes)=181788672

Peak Reduce Virtual memory (bytes)=2595430400

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=46

File Output Format Counters

Bytes Written=28

hdoop@gaurav:~/eclipse-workspace1$ hadoop fs -ls

Found 4 items

drwxr-xr-x - hdoop supergroup 0 2021-04-26 14:55 gaurav

-rw-r--r-- 1 hdoop supergroup 46 2021-05-03 13:09 input.txt

drwxr-xr-x - hdoop supergroup 0 2021-05-03 13:12 output

-rw-r--r-- 1 hdoop supergroup 0 2021-04-26 15:00 test.txt

hdoop@gaurav:~/eclipse-workspace1$ hadoop fs -ls output/

Found 2 items

-rw-r--r-- 1 hdoop supergroup 0 2021-05-03 13:12 output/\_SUCCESS

-rw-r--r-- 1 hdoop supergroup 28 2021-05-03 13:12 output/part-r-00000

hdoop@gaurav:~/eclipse-workspace1$ hadoop fs -cat output/part-r-00000

2021-05-03 13:16:00,274 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

bike 1

car 3

deer 2

river 3