hadoopusr@ubuntu:/home/kite/hadoop/share/hadoop/mapreduce$ hadoop jar ./hadoop-mapreduce-examples-2.8.1.jar wordcount /pb\_project/hashtags.txt /pb\_project/hashtags\_result.txt>>/home/kite/Desktop/hadoop\_logs

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-2.8.1.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

19/02/22 21:17:30 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

19/02/22 21:17:32 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session-id

19/02/22 21:17:32 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=

19/02/22 21:17:33 INFO input.FileInputFormat: Total input files to process : 1

19/02/22 21:17:33 INFO mapreduce.JobSubmitter: number of splits:1

19/02/22 21:17:34 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_local1575763035\_0001

19/02/22 21:17:34 INFO mapreduce.Job: The url to track the job: http://localhost:8080/

19/02/22 21:17:34 INFO mapreduce.Job: Running job: job\_local1575763035\_0001

19/02/22 21:17:34 INFO mapred.LocalJobRunner: OutputCommitter set in config null

19/02/22 21:17:34 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 1

19/02/22 21:17:34 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false

19/02/22 21:17:34 INFO mapred.LocalJobRunner: OutputCommitter is org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter

19/02/22 21:17:34 INFO mapred.LocalJobRunner: Waiting for map tasks

19/02/22 21:17:34 INFO mapred.LocalJobRunner: Starting task: attempt\_local1575763035\_0001\_m\_000000\_0

19/02/22 21:17:34 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 1

19/02/22 21:17:34 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false

19/02/22 21:17:34 INFO mapred.Task: Using ResourceCalculatorProcessTree : [ ]

19/02/22 21:17:34 INFO mapred.MapTask: Processing split: hdfs://localhost:9000/pb\_project/hashtags.txt:0+32780

19/02/22 21:17:35 INFO mapreduce.Job: Job job\_local1575763035\_0001 running in uber mode : false

19/02/22 21:17:35 INFO mapred.MapTask: (EQUATOR) 0 kvi 26214396(104857584)

19/02/22 21:17:35 INFO mapred.MapTask: mapreduce.task.io.sort.mb: 100

19/02/22 21:17:35 INFO mapred.MapTask: soft limit at 83886080

19/02/22 21:17:35 INFO mapred.MapTask: bufstart = 0; bufvoid = 104857600

19/02/22 21:17:35 INFO mapred.MapTask: kvstart = 26214396; length = 6553600

19/02/22 21:17:36 INFO mapreduce.Job: map 0% reduce 0%

19/02/22 21:17:36 INFO mapred.MapTask: Map output collector class = org.apache.hadoop.mapred.MapTask$MapOutputBuffer

19/02/22 21:17:36 INFO mapred.LocalJobRunner:

19/02/22 21:17:36 INFO mapred.MapTask: Starting flush of map output

19/02/22 21:17:36 INFO mapred.MapTask: Spilling map output

19/02/22 21:17:36 INFO mapred.MapTask: bufstart = 0; bufend = 42754; bufvoid = 104857600

19/02/22 21:17:36 INFO mapred.MapTask: kvstart = 26214396(104857584); kvend = 26201104(104804416); length = 13293/6553600

19/02/22 21:17:36 INFO mapred.MapTask: Finished spill 0

19/02/22 21:17:36 INFO mapred.Task: Task:attempt\_local1575763035\_0001\_m\_000000\_0 is done. And is in the process of committing

19/02/22 21:17:36 INFO mapred.LocalJobRunner: map

19/02/22 21:17:37 INFO mapred.Task: Task 'attempt\_local1575763035\_0001\_m\_000000\_0' done.

19/02/22 21:17:37 INFO mapred.LocalJobRunner: Finishing task: attempt\_local1575763035\_0001\_m\_000000\_0

19/02/22 21:17:37 INFO mapred.LocalJobRunner: map task executor complete.

19/02/22 21:17:37 INFO mapred.LocalJobRunner: Waiting for reduce tasks

19/02/22 21:17:37 INFO mapred.LocalJobRunner: Starting task: attempt\_local1575763035\_0001\_r\_000000\_0

19/02/22 21:17:37 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 1

19/02/22 21:17:37 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false

19/02/22 21:17:37 INFO mapred.Task: Using ResourceCalculatorProcessTree : [ ]

19/02/22 21:17:37 INFO mapred.ReduceTask: Using ShuffleConsumerPlugin: org.apache.hadoop.mapreduce.task.reduce.Shuffle@36668232

19/02/22 21:17:37 INFO mapreduce.Job: map 100% reduce 0%

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: MergerManager: memoryLimit=375809632, maxSingleShuffleLimit=93952408, mergeThreshold=248034368, ioSortFactor=10, memToMemMergeOutputsThreshold=10

19/02/22 21:17:37 INFO reduce.EventFetcher: attempt\_local1575763035\_0001\_r\_000000\_0 Thread started: EventFetcher for fetching Map Completion Events

19/02/22 21:17:37 INFO reduce.LocalFetcher: localfetcher#1 about to shuffle output of map attempt\_local1575763035\_0001\_m\_000000\_0 decomp: 15014 len: 15018 to MEMORY

19/02/22 21:17:37 INFO reduce.InMemoryMapOutput: Read 15014 bytes from map-output for attempt\_local1575763035\_0001\_m\_000000\_0

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: closeInMemoryFile -> map-output of size: 15014, inMemoryMapOutputs.size() -> 1, commitMemory -> 0, usedMemory ->15014

19/02/22 21:17:37 INFO reduce.EventFetcher: EventFetcher is interrupted.. Returning

19/02/22 21:17:37 INFO mapred.LocalJobRunner: 1 / 1 copied.

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: finalMerge called with 1 in-memory map-outputs and 0 on-disk map-outputs

19/02/22 21:17:37 INFO mapred.Merger: Merging 1 sorted segments

19/02/22 21:17:37 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of total size: 14994 bytes

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: Merged 1 segments, 15014 bytes to disk to satisfy reduce memory limit

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: Merging 1 files, 15018 bytes from disk

19/02/22 21:17:37 INFO reduce.MergeManagerImpl: Merging 0 segments, 0 bytes from memory into reduce

19/02/22 21:17:37 INFO mapred.Merger: Merging 1 sorted segments

19/02/22 21:17:37 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of total size: 14994 bytes

19/02/22 21:17:37 INFO mapred.LocalJobRunner: 1 / 1 copied.

19/02/22 21:17:37 INFO Configuration.deprecation: mapred.skip.on is deprecated. Instead, use mapreduce.job.skiprecords

19/02/22 21:17:38 INFO mapred.Task: Task:attempt\_local1575763035\_0001\_r\_000000\_0 is done. And is in the process of committing

19/02/22 21:17:38 INFO mapred.LocalJobRunner: 1 / 1 copied.

19/02/22 21:17:38 INFO mapred.Task: Task attempt\_local1575763035\_0001\_r\_000000\_0 is allowed to commit now

19/02/22 21:17:38 INFO output.FileOutputCommitter: Saved output of task 'attempt\_local1575763035\_0001\_r\_000000\_0' to hdfs://localhost:9000/pb\_project/hashtags\_result.txt/\_temporary/0/task\_local1575763035\_0001\_r\_000000

19/02/22 21:17:38 INFO mapred.LocalJobRunner: reduce > reduce

19/02/22 21:17:38 INFO mapred.Task: Task 'attempt\_local1575763035\_0001\_r\_000000\_0' done.

19/02/22 21:17:38 INFO mapred.LocalJobRunner: Finishing task: attempt\_local1575763035\_0001\_r\_000000\_0

19/02/22 21:17:38 INFO mapred.LocalJobRunner: reduce task executor complete.

19/02/22 21:17:38 INFO mapreduce.Job: map 100% reduce 100%

19/02/22 21:17:39 INFO mapreduce.Job: Job job\_local1575763035\_0001 completed successfully

19/02/22 21:17:39 INFO mapreduce.Job: Counters: 35

File System Counters

FILE: Number of bytes read=634270

FILE: Number of bytes written=1303772

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=65560

HDFS: Number of bytes written=11222

HDFS: Number of read operations=13

HDFS: Number of large read operations=0

HDFS: Number of write operations=4

Map-Reduce Framework

Map input records=3324

Map output records=3324

Map output bytes=42754

Map output materialized bytes=15018

Input split bytes=110

Combine input records=3324

Combine output records=958

Reduce input groups=958

Reduce shuffle bytes=15018

Reduce input records=958

Reduce output records=958

Spilled Records=1916

Shuffled Maps =1

Failed Shuffles=0

Merged Map outputs=1

GC time elapsed (ms)=11

Total committed heap usage (bytes)=398458880

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=32780

File Output Format Counters

Bytes Written=11222