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Spilled Records=485752
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=85
CPU time spent (ms)=4860
Physical memory (bytes) snapshot=1316671488
Virtual memory (bytes) snapshot=7452762112
Total committed heap usage (bytes)=2327314432
Peak Map Physical memory (bytes)=881504256
Peak Map Virtual memory (bytes)=372385104
Peak Reduce Physical memory (bytes)=435167232
Peak Reduce Virtual memory (bytes)=3729707008
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=7374373
File Output Format Counters
Bytes Written=1214595
[y15287@hlog-2 ~]$ hdfs dfs -cat finalproject/totalscore/part-r-00000
3.02
1.85
3.56
4.35
2.56
2.36
2.55
2.51
3.70
2.23
2.45
3.43
12.68
1.42
12.62
1.67
2.52
5.25
3.68
5.52
4.69
3.09
3.84
2.98
3.39
3.39
2.39
4.69
2.39
4.31
1.44
3.28
5.42
2.24
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[yl5287@hlog-2 ~]$ hadoop jar total.jar Total finalproject/input/finalcleandata.txt /user/yl5287/finalproject/totalscore
WARNING: Use "yarn jar" to launch YARN applications.
21/11/21 19:13:59 INFO client.RMProxy: Connecting to ResourceManager at horton.hpc.nyu.edu/10.32.35.134:8032
21/11/21 19:13:59 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
21/11/21 19:13:59 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /user/yl5287/.staging/job_1622566668497_36839
21/11/21 19:14:00 INFO input.FileInputFormat: Total input files to process : 1
21/11/21 19:14:00 INFO mapreduce.JobSubmitter: number of splits:1
21/11/21 19:14:00 INFO Configuration.deprecation: yarn.resourcemanager.system-metrics-publisher.enabled is deprecated. Instead, use yarn.system-metrics-publisher.enabled
21/11/21 19:14:00 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1622566668497_36839
21/11/21 19:14:00 INFO mapreduce.JobSubmitter: Executing with tokens: []
21/11/21 19:14:00 INFO conf.Configuration: resource-types.xml not found
21/11/21 19:14:00 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
21/11/21 19:14:00 INFO impl.YarnClientImpl: Submitted application application_1622566668497_36839
21/11/21 19:14:00 INFO mapreduce.Job: The url to track the job: http://horton.hpc.nyu.edu:8088/proxy/application_1622566668497_36839/
21/11/21 19:14:00 INFO mapreduce.Job: Running job: job_1622566668497_36839
21/11/21 19:14:05 INFO mapreduce.Job: Job job_1622566668497_36839 running in uber mode : false
21/11/21 19:14:05 INFO mapreduce.Job: map 0% reduce 0%
21/11/21 19:14:09 INFO mapreduce.Job: map 100% reduce 0%
21/11/21 19:14:14 INFO mapreduce.Job: map 100% reduce 100%
21/11/21 19:14:14 INFO mapreduce.Job: Job job_1622566668497_36839 completed successfully
21/11/21 19:14:14 INFO mapreduce.Job: Counters: 54
  File System Counters
    FILE: Number of bytes read=460097
    FILE: Number of bytes written=1362421
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=7374518
    HDFS: Number of bytes written=1214595
    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
    Rack-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=10492
    Total time spent by all reduces in occupied slots (ms)=12666
    Total time spent by all map tasks (ms)=2623
    Total time spent by all reduce tasks (ms)=2111
    Total vcore-milliseconds taken by all map tasks=2623
    Total vcore-milliseconds taken by all reduce tasks=2111
    Total megabyte-milliseconds taken by all map tasks=10743808
    Total megabyte-milliseconds taken by all reduce tasks=12969984
  Map-Reduce Framework
    Map input records=242876
    Map output records=242876
    Map output bytes=1214595
    Map output materialized bytes=460093
    Input split bytes=145
    Combine input records=0
    Combine output records=0
    Reduce input groups=1
    Reduce shuffle bytes=460093
    Reduce input records=242876
    Reduce output records=242876
    Spilled Records=485752
    Shuffled Maps =1
```