Practical-5

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Roll No. : 19BCE122

Couse Name : Big Data Analytics

Aim:

Apply MapReduce algorithms to find phrase frequency from given dataset.

• Prepare a report to guide design of mapper and reducer.

Output Screenshots:

```
C:\Windows\System32\cmd.exe

C:\BDA\hadoop-3.2.1>hadoop fs -copyFromLocal F:\7th_Sem\BDA\BDA_Lab\words.txt /test
2022-10-21 12:32:20,406 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

C:\BDA\hadoop-3.2.1>hadoop fs -ls /test/
Found 4 items
-rw-r--r-- 3 dell supergroup
28 2022-10-14 12:32 /test/data.txt
-rw-r--r-- 3 dell supergroup
4 1977791 2022-10-14 11:58 /test/num.txt
druxr-xr-x - dell supergroup
6 2022-10-21 12:00 /test/output
-rw-r--r-- 3 dell supergroup
85878 2022-10-21 12:32 /test/words.txt

C:\BDA\hadoop-3.2.1>_

C:\BDA\hadoop-3.2.1>_
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COMPAINMONDS J. J. Jahadong jar f: 17th Sem\BBA\BDA_Lab\pracS\dist\pracS.jar /test/vords.txt /test/outputS
3022.18-21 12:37:88,857 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:88,857 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:88,857 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:88,857 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:88,857 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:88,857 INFO Impl. FileInputFormat: Total Input files to process: 1
3022.18-21 12:37:18,151 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:18,151 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:18,151 INFO Impl. FileInputFormat: Total Input files to process: 1
3022.18-21 12:37:18,151 INFO Impl. MetricsConfig: Loaded properties from hadoop-metrics2.properties
3022.18-21 12:37:38,278,28 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
3022.18-21 12:37:38,28,28 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
3022.18-21 12:37:38,28,28 INFO mapreduce.Job: Running job: job local44337672.0001
3022.18-21 12:37:38,28,28 INFO mapreduce.Job: Running job: job local44337672.0001
3022.18-21 12:37:38,28,28 INFO mapreduce.Job: Output.FileOutputCommitter is org. apache.hadoop.mapreduce.lib.output.FileOutputCommitter is also configuration from hadoop. Mapreduce.Job: mapreduce.Job under impl. MetricsConfiguration for apached local JobRunner: Starting task: attempt.JocalAd337672.0001 modeone of 2022.18-21 12:37:28,28 INFO mapreduce.Job: mapreduce.Job under impl. modeone impl. MetricsConfiguration for apached local JobRunner: Starting task: attempt.JocalAd337672.0001 modeone of 2022.18-21 12:37:21,210 INFO mapreduce.Job: mapreduce.Job impl. displants.JocalDobRunner: Starting task incommitter
```

C:\Windows\System32\cmd.eve

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2021-10-11 12/37/23,790 THYO mapred.Task: Task 'attempt_local44337672_0001_m_000000_0' done.

2021-10-12 12/37/23,790 THYO mapred.Task: Final Counters for attempt_local44337672_0001_m_0000000_0': Counters: 24

File: Number of bytes read-702

File: Number of read operations-0

File: Number of read operations-0

File: Number of party operations-0

HMp-Reduction of party operations-0

HMp-Reduction of party operations-0

Map output pites-613501

File Input format Counters

Bytes Read-85878

Bytes Read-85878

File Input format Counters

Bytes Read-85878

File Tayl format Counters

Byte
```

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IN C.W.Windows/Sytemiliannese

2022-10-21 12:37:25,808 JNFO mappred.iask: Final Counters for attempt_local44337672_0001_r_800000_6: Counters: 30

File: System Counters
File: System Counters
File: Number of bytes read-8052
File: Number of bytes written-52:256
File: Number of bytes written-52:256
File: Number of bytes written-133
File: Number of bytes written-131
File: Number of bytes written-135
File: Number of bytes written-135
File: Number of bytes written-136349
File: Number of read operations-0
File: Number of read operations-0
File: Number of bytes written-136349
File: Number of read operations-0
File: Number of read operations-0
File: Number of read operations-0
```

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