

NAME:F.MALATHI

ROLL NO:19UITE030

EXNO:10

```
Administrator: Windows PowerShell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Windows\system32> cd D:\hadoop-env\hadoop-3.2.2\sbin\
PS D:\hadoop-env\hadoop-3.2.2\sbin> jps
9600 Jps
1428 ResourceManager
2116 NameNode
7320 RunJar
5516 DataNode
7052 NodeManager
PS D:\hadoop-env\hadoop-3.2.2\sbin> hdfs dfs -cat /user/data.txt
my name is malathi
19uite030
PS D:\hadoop-env\hadoop-3.2.2\sbin> hadoop jar D:\hadoop-env\hadoop-3.2.2\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.2.jar wordcount /user /out
2022-11-04 14:43:39,135 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
2022-11-04 14:43:40,010 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/19uite030/.staging/job_1667552269862_0002
2022-11-04 14:43:40,051 INFO input.FileInputFormat: Total input files to process : 1
2022-11-04 14:43:41,800 INFO mapreduce.JobSubmitter: number of splits:1
2022-11-04 14:43:41,807 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1667552269862_0002
2022-11-04 14:43:41,809 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-11-04 14:43:42,140 INFO conf.Configuration: resource-types.xml not found
2022-11-04 14:43:42,141 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2022-11-04 14:43:42,251 INFO impl.YarnClientImpl: Submitted application application_1667552269862_0002
2022-11-04 14:43:42,315 INFO mapreduce.Job: The url to track the job: http://a4it63:8088/proxy/application_1667552269862_0002/
2022-11-04 14:43:42,317 INFO mapreduce.Job: Running job: job_1667552269862_0002
Terminate batch job (Y/N)?
PS D:\hadoop-env\hadoop-3.2.2\sbin> hadoop jar D:\hadoop-env\hadoop-3.2.2\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.2.jar wordcount /user /out
2022-11-04 14:45:32,145 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
2022-11-04 14:45:33,034 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/19uite030/.staging/job_1667552269862_0003
2022-11-04 14:45:33,507 INFO input.FileInputFormat: Total input files to process : 1
2022-11-04 14:45:33,771 INFO mapreduce.JobSubmitter: number of splits:1
2022-11-04 14:45:34,695 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1667552269862_0003
2022-11-04 14:45:34,698 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-11-04 14:45:34,943 INFO conf.Configuration: resource-types.xml not found
2022-11-04 14:45:34,944 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2022-11-04 14:45:35,042 INFO impl.YarnClientImpl: Submitted application application_1667552269862_0003
2022-11-04 14:45:35,100 INFO mapreduce.Job: The url to track the job: http://a4it63:8088/proxy/application_1667552269862_0003/
2022-11-04 14:45:35,102 INFO mapreduce.Job: Running job: job_1667552269862_0003
Terminate batch job (Y/N)? y
PS D:\hadoop-env\hadoop-3.2.2\sbin> .\stop-all.cmd
This script is deprecated. Instead use stop-dfs.cmd and stop-yarn.cmd
SUCCESS: Sent termination signal to the process with PID 2748.
SUCCESS: Sent termination signal to the process with PID 7676.
stopping yarn daemons
SUCCESS: Sent termination signal to the process with PID 5792.
SUCCESS: Sent termination signal to the process with PID 7808.
```

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Administrator: Windows PowerShell
INFO: No tasks running with the specified criteria.
PS D:\hadoop-env\hadoop-3.2.2\sbin> .\start-dfs.cmd
PS D:\hadoop-env\hadoop-3.2.2\sbin> .\start-yarn.cmd
starting yarn daemons
PS D:\hadoop-env\hadoop-3.2.2\sbin> jps
7968 ResourceManager
1092 DataNode
6168 NameNode
7288 NodeManager
9300 Jps
PS D:\hadoop-env\hadoop-3.2.2\sbin> hdfs dfs -cat /user/data.txt
my name is malathi
19uite030
PS D:\hadoop-env\hadoop-3.2.2\sbin> hadoop jar D:\hadoop-env\hadoop-3.2.2\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.2.jar wordcount /user /out
2022-11-04 14:47:48,336 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
2022-11-04 14:47:49,348 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/19uite030/.staging/job_1667553419226_0001
2022-11-04 14:47:50,489 INFO input.FileInputFormat: Total input files to process : 1
2022-11-04 14:47:51,303 INFO mapreduce.JobSubmitter: number of splits:1
2022-11-04 14:47:51,739 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1667553419226_0001
2022-11-04 14:47:51,742 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-11-04 14:47:51,978 INFO conf.Configuration: resource-types.xml not found
2022-11-04 14:47:51,979 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2022-11-04 14:47:52,407 INFO impl.YarnClientImpl: Submitted application application_1667553419226_0001
2022-11-04 14:47:52,468 INFO mapreduce.Job: The url to track the job: http://a4it63:8088/proxy/application_1667553419226_0001/
2022-11-04 14:47:52,471 INFO mapreduce.Job: Running job: job_1667553419226_0001
2022-11-04 14:48:09,950 INFO mapreduce.Job: Job job_1667553419226_0001 running in uber mode : false
2022-11-04 14:48:09,954 INFO mapreduce.Job: map 0% reduce 0%
2022-11-04 14:48:17,168 INFO mapreduce.Job: map 100% reduce 0%
2022-11-04 14:48:25,306 INFO mapreduce.Job: map 100% reduce 100%
2022-11-04 14:48:30,306 INFO mapreduce.Job: Job job_1667553419226_0001 completed successfully
2022-11-04 14:48:30,359 INFO mapreduce.Job: Counters: 54
File System Counters
  FILE: Number of bytes read=65
  FILE: Number of bytes written=471479
  FILE: Number of read operations=0
  FILE: Number of large read operations=0
  FILE: Number of write operations=0
  HDFS: Number of bytes read=131
  HDFS: Number of bytes written=39
  HDFS: Number of read operations=0
  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)=4761
  Total time spent by all reduces in occupied slots (ms)=4832
  Total time spent by all map tasks (ms)=4761
```

```
Administrator: Windows PowerShell
Total time spent by all reduces in occupied slots (ms)=4832
Total time spent by all map tasks (ms)=4761
Total time spent by all reduce tasks (ms)=4832
Total vcore-milliseconds taken by all map tasks=4761
Total vcore-milliseconds taken by all reduce tasks=4832
Total megabyte-milliseconds taken by all map tasks=4875264
Total megabyte-milliseconds taken by all reduce tasks=4947968

Map-Reduce Framework
  Map input records=2
  Map output records=5
  Map output bytes=49
  Map output materialized bytes=65
  Input split bytes=100
  Combine input records=5
  Combine output records=5
  Reduce input groups=5
  Reduce shuffle bytes=65
  Reduce input records=5
  Reduce output records=5
  Spilled Records=10
  Shuffled Maps =1
  Failed Shuffles=0
  Merged Map outputs=1
  GC time elapsed (ms)=135
  CPU time spent (ms)=1085
  Physical memory (bytes) snapshot=530411520
  Virtual memory (bytes) snapshot=760356864
  Total committed heap usage (bytes)=368185856
  Peak Map Physical memory (bytes)=232451840
  Peak Map Virtual memory (bytes)=448282624
  Peak Reduce Physical memory (bytes)=197959680
  Peak Reduce Virtual memory (bytes)=312086528

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=31
File Output Format Counters
  Bytes Written=39

PS D:\hadoop-env\hadoop-3.2.2\sbin> hadoop fs -cat /out/*
19uite030 1
is 1
malathi 1
my 1
name 1
PS D:\hadoop-env\hadoop-3.2.2\sbin>
```

You have successfully logged in. | malathi-francis/T8711-Foss-and- | Mail - MALATHIF - Outlook | Browsing HDFS

localhost:9870/explorer.html#/out

Browse Directory

/out

Show 25 entries

Permission	Owner
-rw-r--r--	19uite030
-rw-r--r--	19uite030

Showing 1 to 2 of 2 entries

Hadoop, 2021.

File information - _SUCCESS

Download Head the file (first 32K) Tail the file (last 32K)

File contents

```
19uite030 1
is 1
malathi 1
my 1
name 1
```

Close

Go! [Icons]

Search: [Input]

Size	Name
1B	_SUCCESS
1B	part-r-00000

Previous 1 Next

Activate Windows
Go to Settings to activate Windows.