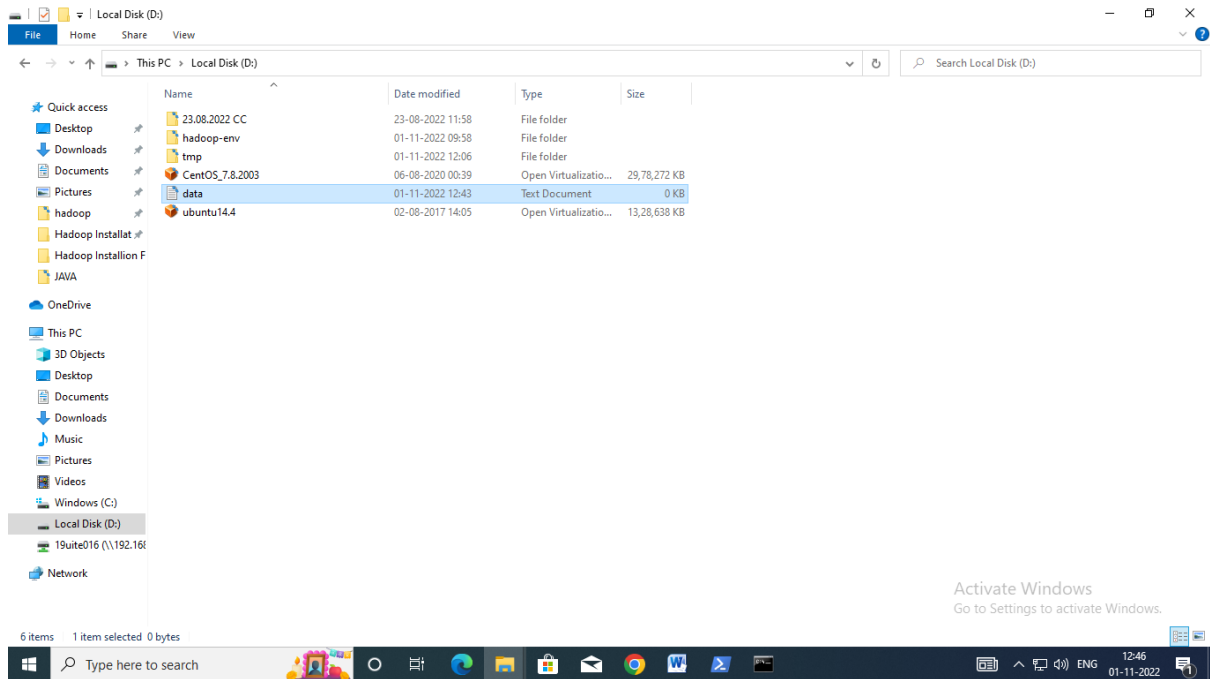


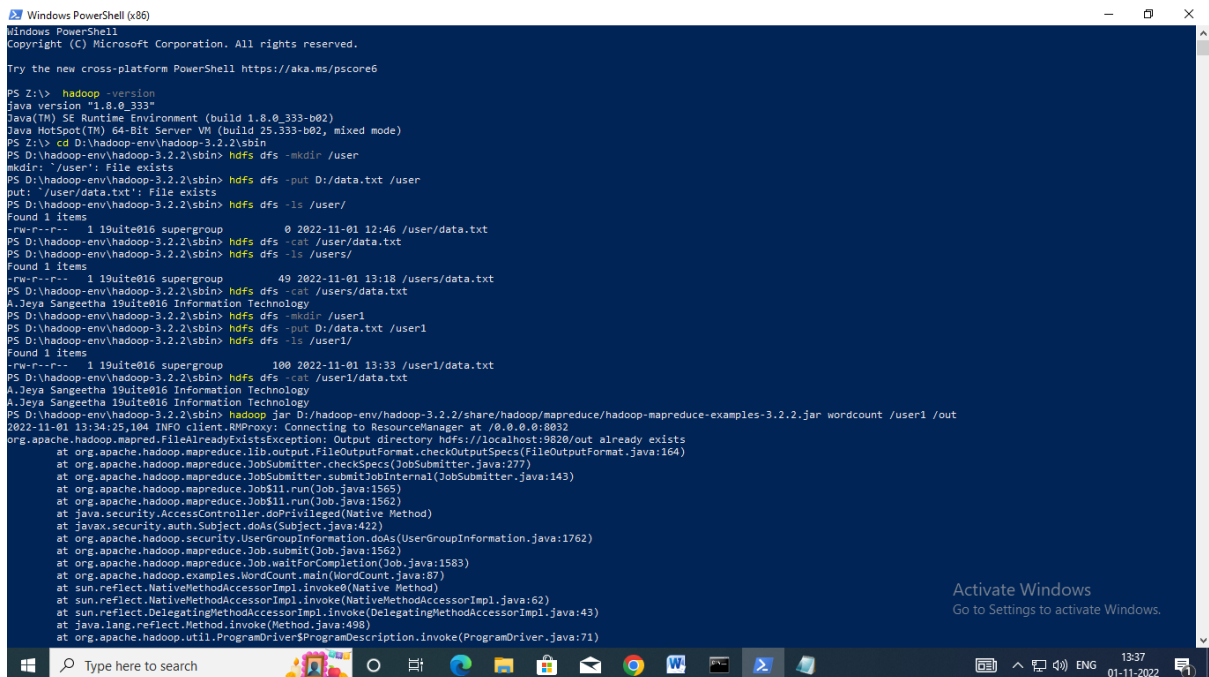
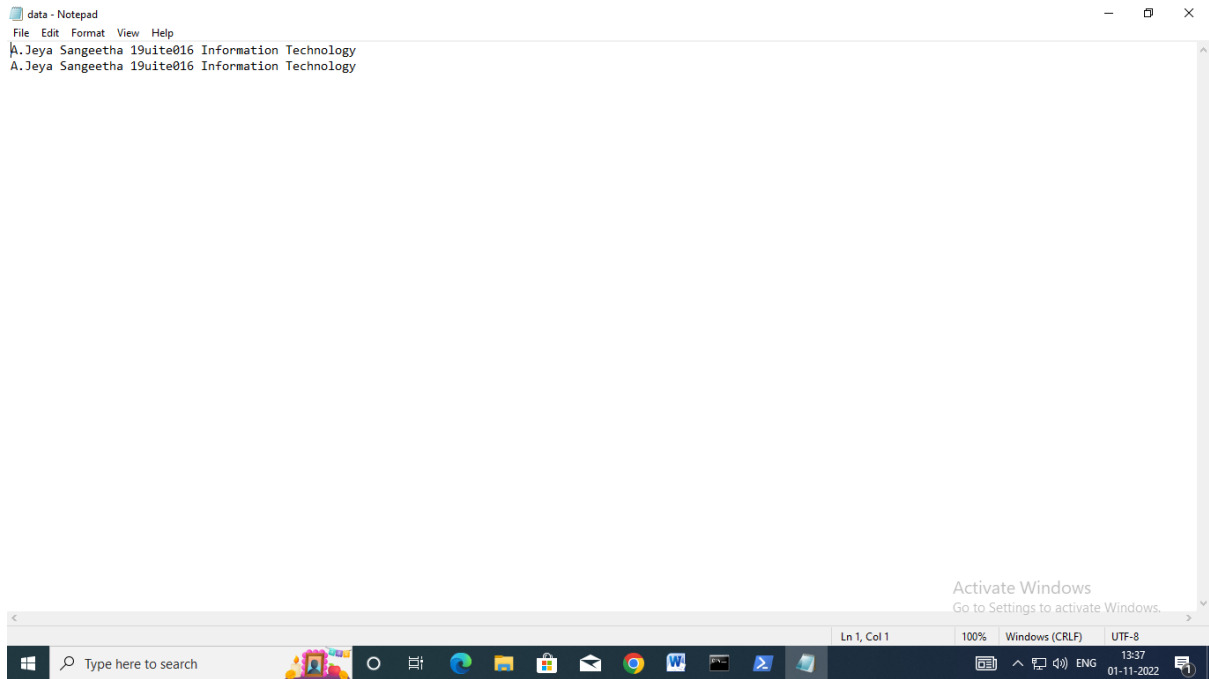
ROLL NUMBER: 19UITE030

NAME: F.MALATHI

SUBJECT: IT8711 FOSS AND CLOUD COMPUTING LABORATORY

EXERCISE NO: 10





```
Windows PowerShell (x64)
at org.apache.hadoop.examples.ExampleDriver.main(ExampleDriver.java:74)
at sun.reflect.NativeMethodAccessorImpl.invoke(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.util.RunJar.run(RunJar.java:323)
at org.apache.hadoop.util.RunJar.main(RunJar.java:236)
PS D:\hadoop-env\hadoop-3.2.2\bin> hadoop jar D:\hadoop-env\hadoop-3.2.2\share\hadoop\mapreduce\hadoop-mapreduce-examples-3.2.2.jar wordcount /user1/out1
2022-11-01 13:34:50,065 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
2022-11-01 13:34:50,917 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/19uite016/staging/job_1667284611980_0002
2022-11-01 13:34:51,313 INFO input.FileInputFormat: Total input files to process : 1
2022-11-01 13:34:51,594 INFO mapreduce.JobSubmitter: number of splits=1
2022-11-01 13:34:51,885 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1667284611980_0002
2022-11-01 13:34:51,888 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-11-01 13:34:52,132 INFO conf.Configuration: resource-types.xml not found
2022-11-01 13:34:52,133 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2022-11-01 13:34:52,227 INFO impl.YarnClientImpl: Submitted application application_1667284611980_0002
2022-11-01 13:34:52,283 INFO mapreduce.Job: The url to track the job: http://a4it71:8088/proxy/application_1667284611980_0002/
2022-11-01 13:34:52,285 INFO mapreduce.Job: Running job: job_1667284611980_0002
2022-11-01 13:35:06,612 INFO mapreduce.Job: Job job_1667284611980_0002 running in uber mode : false
2022-11-01 13:35:12,767 INFO mapreduce.Job: map 0% reduce 0%
2022-11-01 13:35:19,885 INFO mapreduce.Job: map 100% reduce 100%
2022-11-01 13:35:24,986 INFO mapreduce.Job: Job job_1667284611980_0002 completed successfully
2022-11-01 13:35:25,111 INFO mapreduce.Job: Counters: 54
  File System Counters
    FILE: Number of bytes read=86
    FILE: Number of bytes written=471525
    FILE: Number of read operations=6
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=201
    HDFS: Number of bytes written=60
    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)=3948
    Total time spent by all reduces in occupied slots (ms)=4259
    Total time spent by all map tasks (ms)=3948
    Total time spent by all reduce tasks (ms)=4259
    Total vcore-milliseconds taken by all map tasks=3948
    Total vcore-milliseconds taken by all reduce tasks=4259
    Total megabyte-milliseconds taken by all map tasks=4042752
    Total megabyte-milliseconds taken by all reduce tasks=4361216
  Map-Reduce Framework
    Map input records=2
    Map output records=10
    Map output bytes=140
    Map output materialized bytes=86
    Input split bytes=101
    Combine input records=10
    Combine output records=5
    Reduce input groups=5
    Reduce shuffle bytes=86
    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)=130
    CPU time spent (ms)=1481
    Physical memory (bytes) snapshot=504229888
    Virtual memory (bytes) snapshot=733298496
    Total committed heap usage (bytes)=361234432
    Peak Map Physical memory (bytes)=302813184
    Peak Map Virtual memory (bytes)=418492416
    Peak Reduce Physical memory (bytes)=201416704
    Peak Reduce Virtual memory (bytes)=314798080
  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=100
  File Output Format Counters
    Bytes Written=60
PS D:\hadoop-env\hadoop-3.2.2\bin> hadoop fs -cat /out1/*
19uite016
A.Daya 2
Information 2
```

```
Windows PowerShell (x64)
Launched reduce tasks=1
Data-local map tasks=1
Total time spent by all maps in occupied slots (ms)=3948
Total time spent by all reduces in occupied slots (ms)=4259
Total time spent by all map tasks (ms)=3948
Total time spent by all reduce tasks (ms)=4259
Total vcore-milliseconds taken by all map tasks=3948
Total vcore-milliseconds taken by all reduce tasks=4259
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Reduce input records=5
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Shuffled Maps=1
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Merged Map outputs=1
GC time elapsed (ms)=130
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Virtual memory (bytes) snapshot=733298496
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Peak Map Virtual memory (bytes)=418492416
Peak Reduce Physical memory (bytes)=201416704
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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=100
File Output Format Counters
Bytes Written=60
PS D:\hadoop-env\hadoop-3.2.2\bin> hadoop fs -cat /out1/*
19uite016
A.Daya 2
Information 2
```

```
Windows PowerShell (x86)
Input split bytes=101
Combine input records=10
Combine output records=5
Reduce input groups=5
Reduce shuffle bytes=86
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)=130
CPU time spent (ms)=1481
Physical memory (bytes) snapshot=504229888
Virtual memory (bytes) snapshot=733290496
Total committed heap usage (bytes)=36124432
Peak Map Physical memory (bytes)=301813184
Peak Map Virtual memory (bytes)=418492416
Peak Reduce Physical memory (bytes)=201416704
Peak Reduce Virtual memory (bytes)=314798080
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=100
File Output Format Counters
Bytes Written=60
PS D:\hadoop-env\hadoop-3.2.2\sbin> hadoop fs -cat /out1/*
19uite016      2
A.Jeya      2
Information      2
Sangeetha      2
Technology      2
PS D:\hadoop-env\hadoop-3.2.2\sbin>
```

Activate Windows
Go to Settings to activate Windows.

OUTPUT:

Overview 'localhost:9820' (active)

Started: Tue Nov 01 12:20:24 +0530 2022

Version: 3.2.2, r7a3bc90b05f257c8ace2f76d74264906f0f7a932

Compiled: Sun Jan 03 14:56:00 +0530 2021 by hexiaoqiao from branch-3.2.2

Cluster ID: CID-c4b0ec29-1e14-4252-85e7-63f24efb82d8

Block Pool ID: BP-429788595-192.168.56.1-1667284005174

Summary

Security is off.
Safemode is off.
27 files and directories, 9 blocks (9 replicated blocks),
memory used 91.6 MB of 219.5 MB Heap Memory

1234589101112.pdf EX_2.docx

Windows taskbar: Hadoop Installation - Windows..., Ex_9 - Microsoft Word (Product...), Document2 - Microsoft Word (...)

Browse Directory

/

Go!

Show 25 entries

Search:

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
drwxr-xr-x	19uite016	supergroup	0 B	Nov 01 13:10	0	0 B	out
drwxr-xr-x	19uite016	supergroup	0 B	Nov 01 13:35	0	0 B	out1
drwx-----	19uite016	supergroup	0 B	Nov 01 13:09	0	0 B	tmp
drwxr-xr-x	19uite016	supergroup	0 B	Nov 01 12:46	0	0 B	user
drwxr-xr-x	19uite016	supergroup	0 B	Nov 01 13:33	0	0 B	user1
drwxr-xr-x	19uite016	supergroup	0 B	Nov 01 13:18	0	0 B	users

Showing 1 to 6 of 6 entries

Windows taskbar: 1234589101112.pdf EX_2.docx

