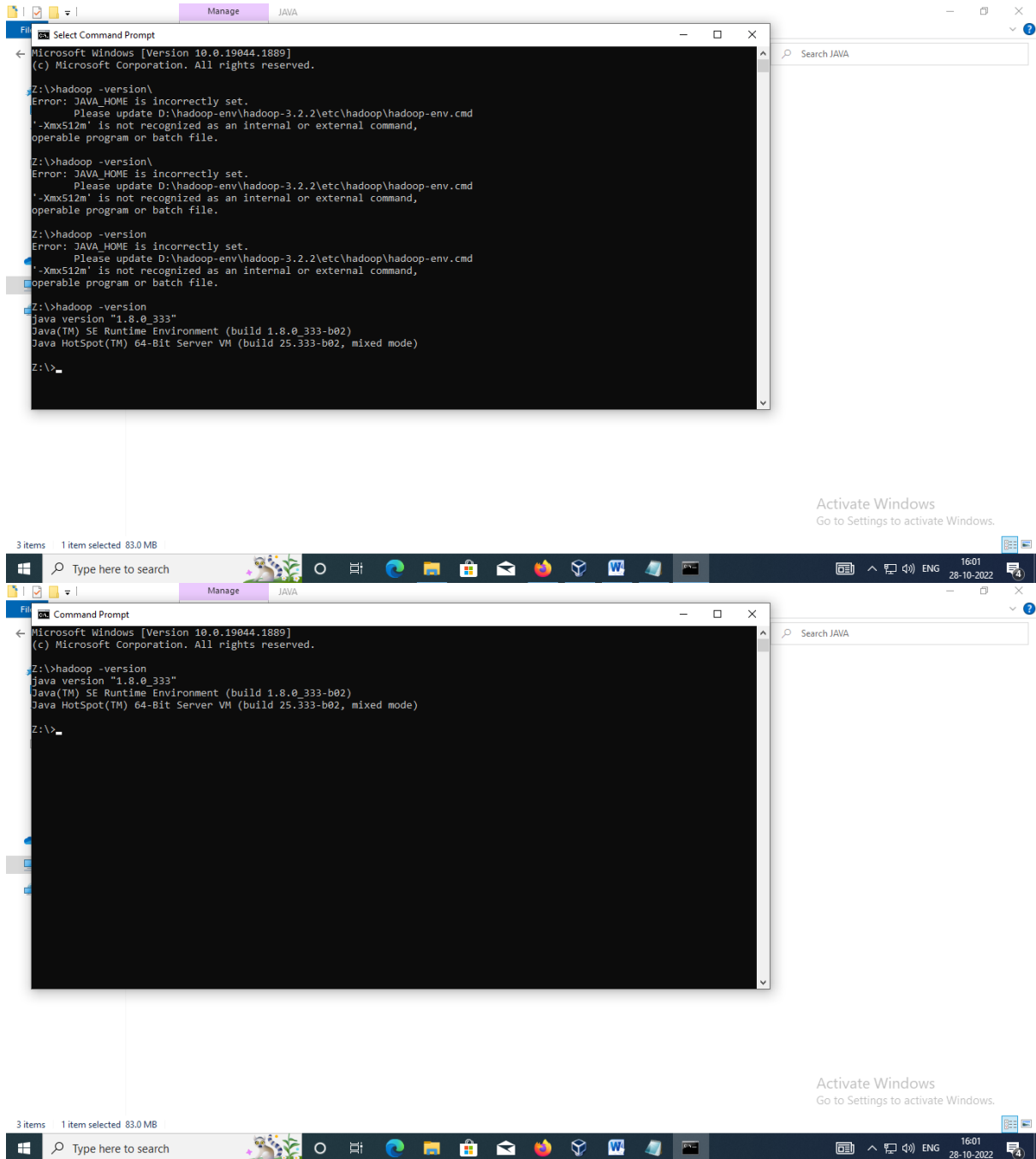


EX NO: 10

WORD COUNT PROGRAM USING MAPREDUCE

DATE: 14-10-2022

ROLL NUMBER: 19UITE047



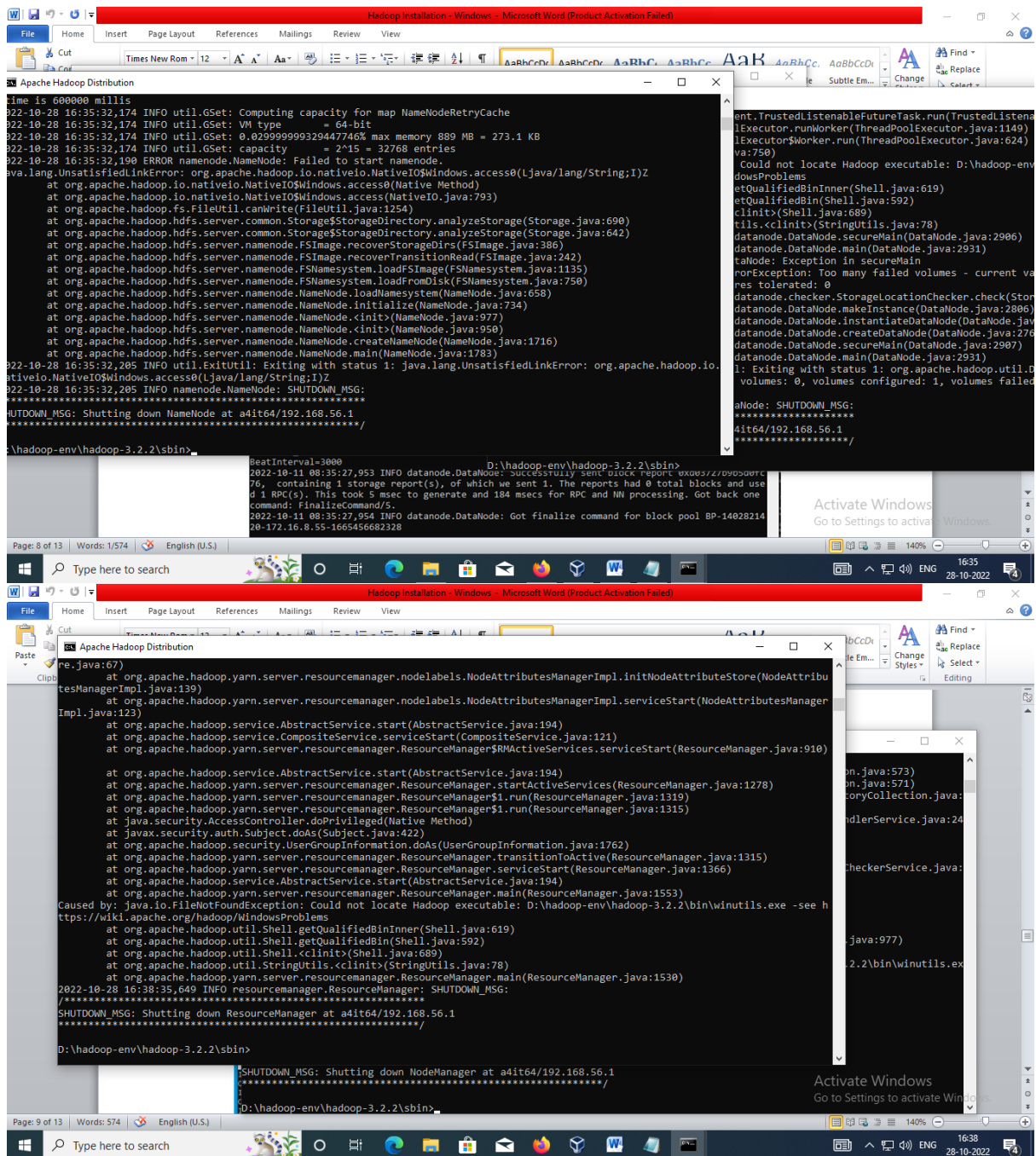
```
Command Prompt - hdfs namenode-format
2022-10-28 16:19:12,097 INFO blockmanagement.BlockManager: maxNumBlocksToLog = 1000
2022-10-28 16:19:12,182 INFO namenode.FSDirectory: GLOBAL serial map: bits=29 maxEntries=536870911
2022-10-28 16:19:12,182 INFO namenode.FSDirectory: USER serial map: bits=24 maxEntries=16777215
2022-10-28 16:19:12,182 INFO namenode.FSDirectory: GROUP serial map: bits=24 maxEntries=16777215
2022-10-28 16:19:12,182 INFO namenode.FSDirectory: XATTR serial map: bits=24 maxEntries=16777215
2022-10-28 16:19:12,213 INFO util.GSet: Computing capacity for map INodeMap
2022-10-28 16:19:12,213 INFO util.GSet: VM type = 64-bit
2022-10-28 16:19:12,213 INFO util.GSet: 1.0% max memory 889 MB = 8.9 MB
2022-10-28 16:19:12,213 INFO util.GSet: capacity = 2^20 = 1048576 entries
2022-10-28 16:19:12,244 INFO namenode.FSDirectory: ACLs enabled? false
2022-10-28 16:19:12,244 INFO namenode.FSDirectory: POSIX ACL inheritance enabled? true
2022-10-28 16:19:12,244 INFO namenode.FSDirectory: XAttrs enabled? true
2022-10-28 16:19:12,244 INFO namenode.NameNode: Caching file names occurring more than 10 times
2022-10-28 16:19:12,244 INFO snapshot.SnapshotManager: Loaded config captureOpenFiles: false, skipCaptureAccessTimeOnlyChange: false, snapshotDiffAllowSnapRootDescendant: true, maxSnapshotLimit: 65536
2022-10-28 16:19:12,260 INFO snapshot.SnapshotManager: SkipList is disabled
2022-10-28 16:19:12,260 INFO util.GSet: Computing capacity for map cachedBlocks
2022-10-28 16:19:12,260 INFO util.GSet: VM type = 64-bit
2022-10-28 16:19:12,260 INFO util.GSet: 0.25% max memory 889 MB = 2.2 MB
2022-10-28 16:19:12,260 INFO util.GSet: capacity = 2^18 = 262144 entries
2022-10-28 16:19:12,282 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.window.num.buckets = 10
2022-10-28 16:19:12,282 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.num.users = 10
2022-10-28 16:19:12,292 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.windows.minutes = 1,5,25
2022-10-28 16:19:12,282 INFO namenode.FSNamesystem: Retry cache on namenode is enabled
2022-10-28 16:19:12,282 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry time is 600000 millis
2022-10-28 16:19:12,298 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2022-10-28 16:19:12,298 INFO util.GSet: VM type = 64-bit
2022-10-28 16:19:12,298 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-28 16:19:12,298 INFO util.GSet: capacity = 2^15 = 32768 entries

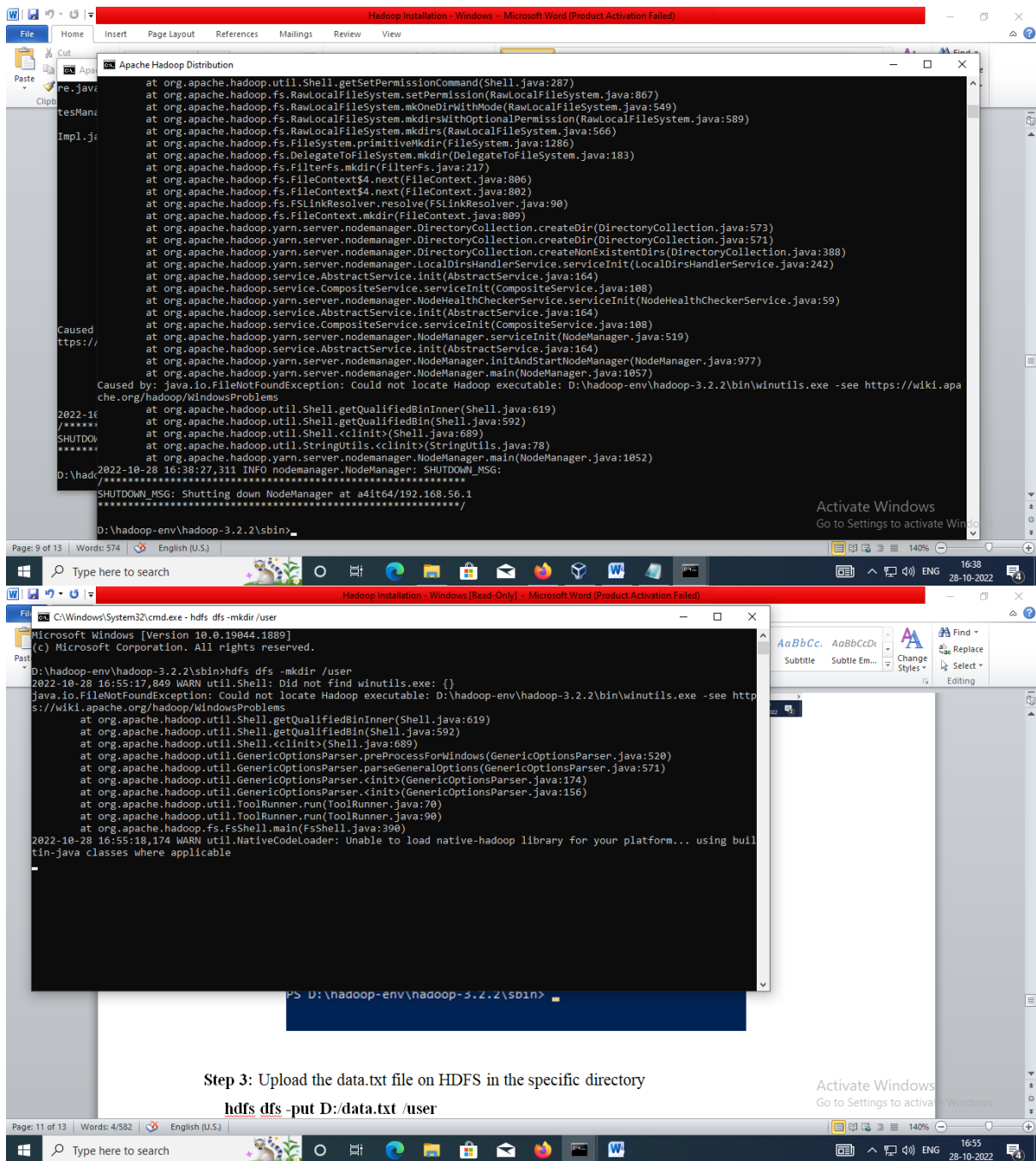
Activate Windows
Go to Settings to activate Windows.

Hadoop Installation - Windows - Microsoft Word (Product Activation Failed)

Apache Hadoop Distribution
time is 600000 millis
2022-10-28 16:35:32,174 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2022-10-28 16:35:32,174 INFO util.GSet: VM type = 64-bit
2022-10-28 16:35:32,174 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-28 16:35:32,174 INFO util.GSet: capacity = 2^15 = 32768 entries
2022-10-28 16:35:32,190 ERROR namenode.NameNode: Failed to start namenode.
java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Native Method)
at org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Native Method)
at org.apache.hadoop.io.nativeio.NativeIO$Windows.access(NativeIO.java:79)
at org.apache.hadoop.fs.FileUtil.canWrite(FileUtil.java:1254)
at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeS
at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeS
at org.apache.hadoop.hdfs.server.namenode.FSImage.recoverTransitionRead(FSImage.java:178)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFSImage(FSNamesystem.java:178)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFromDisk(FSNamesystem.java:178)
at org.apache.hadoop.hdfs.server.namenode.NameNode.initialize(NameNode.java:9)
at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:9)
at org.apache.hadoop.hdfs.server.namenode.NameNode.createNameNode(NameNode.java:178)
at org.apache.hadoop.hdfs.server.namenode.NameNode.main(NameNode.java:178)
2022-10-28 16:35:32,205 INFO util.ExitUtil: Exiting with status 1: java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Ljava/lang/String;I)Z
2022-10-28 16:35:32,205 INFO namenode.NameNode: SHUTDOWN_MSG:
*****
SHUTDOWN_MSG: Shutting down NameNode at a4164/192.168.56.1
*****
D:\hadoop-env\hadoop-3.2.2\sbin>
BestInterval=3000
D:\hadoop-env\hadoop-3.2.2\sbin>
2022-10-11 08:35:27,953 INFO datanode.DataNode: successfully sent block report 6xmsz2z0wpsuerc
76j containing 1 storage report(s), of which we sent 1. The reports had 0 total blocks and use
d 1 RPC(s). This took 5 msec to generate and 184 msec for RPC and NN processing. Got back one
command: FinalizeCommand/S.
2022-10-11 08:35:27,954 INFO datanode.DataNode: Got finalize command for block pool BP-14828214
28-172.16.8.55-166545682328

Activate Windows
Go to Settings to activate Windows.
```





```
C:\Windows\System32\cmd.exe
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:398)
2022-10-28 16:55:18,474 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using built-in java classes where applicable
mkdir: Call From a4164/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -put D:/data.txt /user
2022-10-28 16:55:37,749 WARN util.Shell: Did not find winutils.exe: {}
java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see http://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:398)
2022-10-28 16:55:38,060 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using built-in java classes where applicable
put: Call From a4164/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>
```

Step 3: Upload the data.txt file on HDFS in the specific directory

hdfs dfs -put D:/data.txt /user

```
Administrator: Windows PowerShell

Page: 11 of 13 | Words: 5/582 | English (U.S.) | 140% | 16:55 28-10-2022

Type here to search

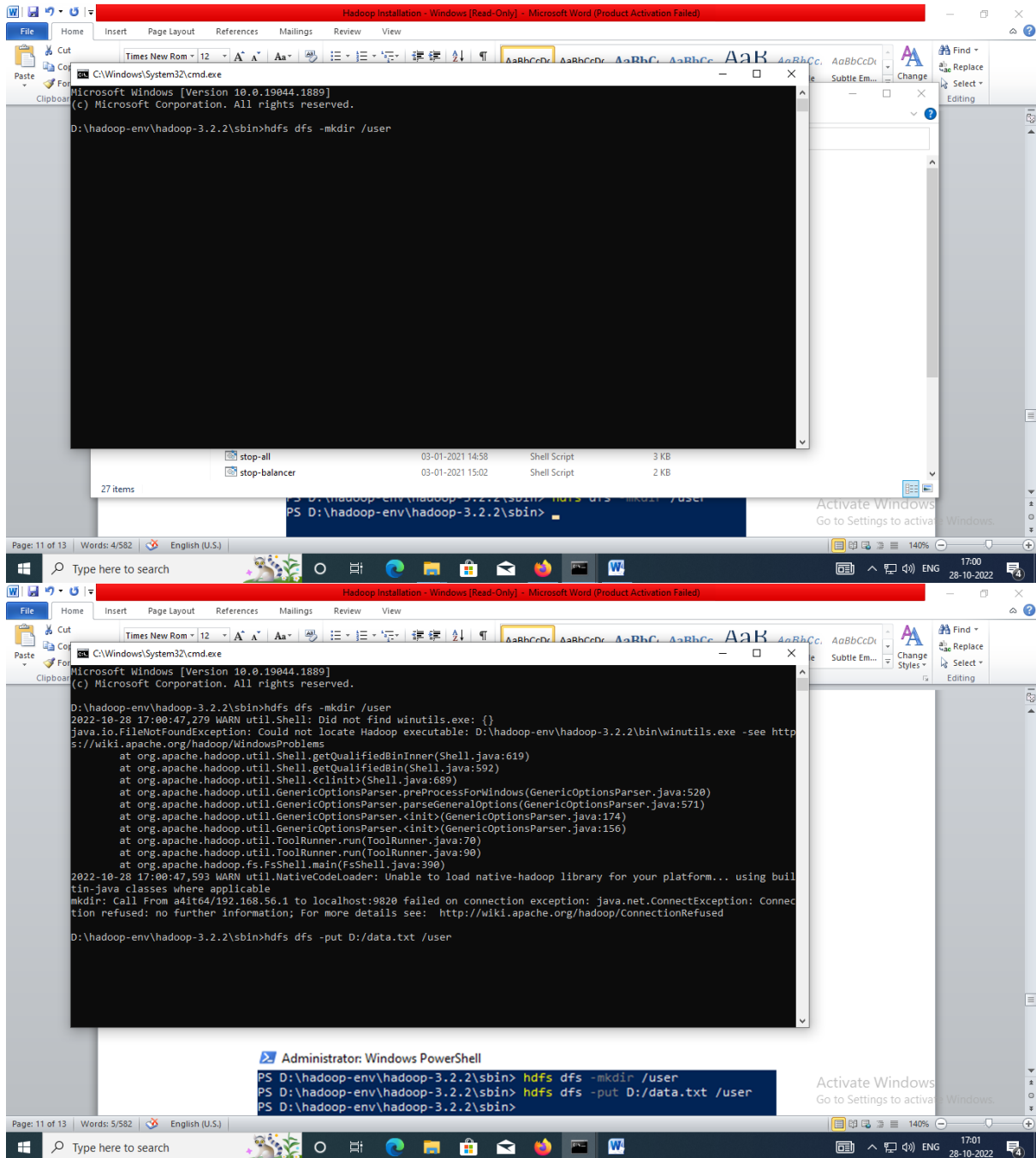
C:\Windows\System32\cmd.exe
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:398)
2022-10-28 16:55:38,060 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using built-in java classes where applicable
put: Call From a4164/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -ls /user/
2022-10-28 16:55:56,593 WARN util.Shell: Did not find winutils.exe: {}
java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see http://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:398)
2022-10-28 16:55:56,954 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using built-in java classes where applicable
ls: Call From a4164/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>

Administrator: Windows PowerShell

PS D:\hadoop-env\hadoop-3.2.2\sbin> hdfs dfs -mkdir /user
PS D:\hadoop-env\hadoop-3.2.2\sbin> hdfs dfs -put D:/data.txt /user
PS D:\hadoop-env\hadoop-3.2.2\sbin> hdfs dfs -ls /user/
Found 1 items
-rw-r--r-- 1 Administrator supergroup 50 2022-10-11 11:34 /user/data.txt
PS D:\hadoop-env\hadoop-3.2.2\sbin>
```

```
C:\Windows\System32\cmd.exe
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:390)
2022-10-28 17:00:47,593 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
mkdir: Call From a41t64/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -put D:\data.txt /user
2022-10-28 17:01:06,329 WARN util.Shell: Did not find winutils.exe: {}
java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:390)
2022-10-28 17:01:06,646 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
put: Call From a41t64/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -ls /user/
```

Activate Windows
Go to Settings to activate Windows.

```
C:\Windows\System32\cmd.exe
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:390)
2022-10-28 17:01:06,646 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
put: Call From a41t64/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -ls /user/
2022-10-28 17:02:41,274 WARN util.Shell: Did not find winutils.exe: {}
java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.GenericOptionsParser.preProcessForWindows(GenericOptionsParser.java:520)
at org.apache.hadoop.util.GenericOptionsParser.parseGeneralOptions(GenericOptionsParser.java:571)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:174)
at org.apache.hadoop.util.GenericOptionsParser.<init>(GenericOptionsParser.java:156)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:90)
at org.apache.hadoop.fs.FsShell.main(FsShell.java:390)
2022-10-28 17:02:41,609 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
ls: Call From a41t64/192.168.56.1 to localhost:9820 failed on connection exception: java.net.ConnectException: Connection refused: no further information; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused

D:\hadoop-env\hadoop-3.2.2\sbin>hdfs dfs -cat /user/data.txt
```

Activate Windows
Go to Settings to activate Windows.

```
C:\Windows\System32\cmd.exe
at com.sun.proxy.$Proxy10.getFileInfo(Unknown Source)
at org.apache.hadoop.hdfs.DFSClient.getFileInfo(DFSClient.java:1671)
at org.apache.hadoop.hdfs.DistributedFileSystem$29.doCall(DistributedFileSystem.java:1602)
at org.apache.hadoop.hdfs.DistributedFileSystem$29.doCall(DistributedFileSystem.java:1599)
at org.apache.hadoop.fs.FileSystemLinkResolver.resolve(FileSystemLinkResolver.java:81)
at org.apache.hadoop.hdfs.DistributedFileSystem.getFileStatus(DistributedFileSystem.java:1614)
at org.apache.hadoop.fs.FileSystem.exists(FileSystem.java:1696)
at org.apache.hadoop.mapreduce.lib.output.FileOutputFormat.checkOutputSpecs(FileOutputFormat.java:163)
at org.apache.hadoop.mapreduce.JobSubmitter.checkSpecs(JobSubmitter.java:277)
at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:143)
at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1565)
at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1562)
at java.security.AccessController.doPrivileged(Native Method)
at javax.security.auth.Subject.doAs(Subject.java:422)
at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1762)
at org.apache.hadoop.mapreduce.Job.submit(Job.java:1562)
at org.apache.hadoop.mapreduce.Job.waitForCompletion(Job.java:1583)
at org.apache.hadoop.examples.WordCount.main(WordCount.java:87)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.util.ProgramDriver$ProgramDescription.invoke(ProgramDriver.java:71)
at org.apache.hadoop.util.ProgramDriver.run(ProgramDriver.java:144)
at org.apache.hadoop.examples.ExampleDriver.main(ExampleDriver.java:74)
at sun.reflect.NativeMethodAccessorImpl.invoke0(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)
Caused by: java.net.ConnectException: Connection refused: no further information
at sun.nio.ch.SocketChannelImpl.checkConnect(Native Method)
at sun.nio.ch.SocketChannelImpl.finishConnect(SocketChannelImpl.java:715)
at org.apache.hadoop.net.SocketIOWithTimeout.connect(SocketIOWithTimeout.java:206)
at org.apache.hadoop.net.NetUtils.connect(NetUtils.java:534)
at org.apache.hadoop.ipc.Client$Connection.setupConnection(Client.java:699)
at org.apache.hadoop.ipc.Client$Connection.setupIOStreams(Client.java:812)
at org.apache.hadoop.ipc.Client$Connection.access$3800(Client.java:413)
at org.apache.hadoop.ipc.Client.getConnection(Client.java:1636)
at org.apache.hadoop.ipc.Client.call(Client.java:1452)
... 45 more

D:\hadoop-env\hadoop-3.2.2\sbin>
```

```
Administrator: Windows PowerShell
Total megabyte-milliseconds taken by all reduce tasks=5357568
Map-Reduce Framework
  Map input records=5
  Map output records=5
  Map output bytes=64
  Map output materialized bytes=56
  Input split bytes=100
  Combine input records=5
  Combine output records=3
  Reduce input groups=3
  Reduce shuffle bytes=56
  Reduce input records=3
  Reduce output records=3
  Spilled Records=6
  Shuffled Maps =1
  Failed Shuffles=0
  Merged Map outputs=1
  GC time elapsed (ms)=133
  CPU time spent (ms)=1527
  Physical memory (bytes) snapshot=565284864
  Virtual memory (bytes) snapshot=818327552
  Total committed heap usage (bytes)=395319152
  Peak Map Physical memory (bytes)=335974400
  Peak Map Virtual memory (bytes)=476123136
  Peak Reduce Physical memory (bytes)=229310464
  Peak Reduce Virtual memory (bytes)=342274048
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=47
File Output Format Counters
  Bytes Written=38
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hadoop fs -cat /out/*
e1oud 3
date=1-11-2022 1
exercise_9 1
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin>
```



```
Administrator: Windows PowerShell
Total megabyte-milliseconds taken by all reduce tasks=5357568
Map-Reduce Framework
  Map input records=5
  Map output records=5
  Map output bytes=64
  Map output materialized bytes=56
  Input split bytes=100
  Combine input records=5
  Combine output records=3
  Reduce input groups=3
  Reduce shuffle bytes=56
  Reduce input records=3
  Reduce output records=3
  Spilled Records=6
  Shuffled Maps =1
  Failed Shuffles=0
  Merged Map outputs=1
  GC time elapsed (ms)=133
  CPU time spent (ms)=1527
  Physical memory (bytes) snapshot=565284864
  Virtual memory (bytes) snapshot=818027552
  Total committed heap usage (bytes)=395313152
  Peak Map Physical memory (bytes)=335974400
  Peak Map Virtual memory (bytes)=476123136
  Peak Reduce Physical memory (bytes)=229310464
  Peak Reduce Virtual memory (bytes)=342274048
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=47
File Output Format Counters
  Bytes Written=38
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hadoop fs -cat /out/*
cloud_3
date=1-11-2022 1
exercise_9 1
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin>
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

14:32
01-11-2022