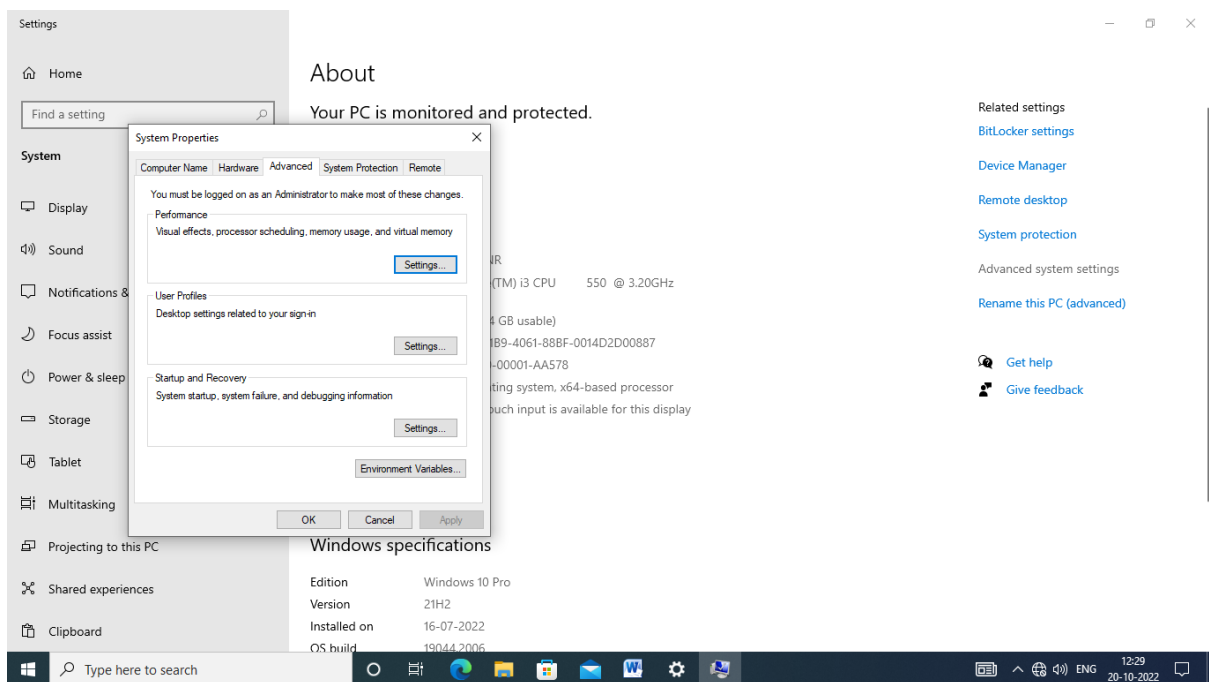
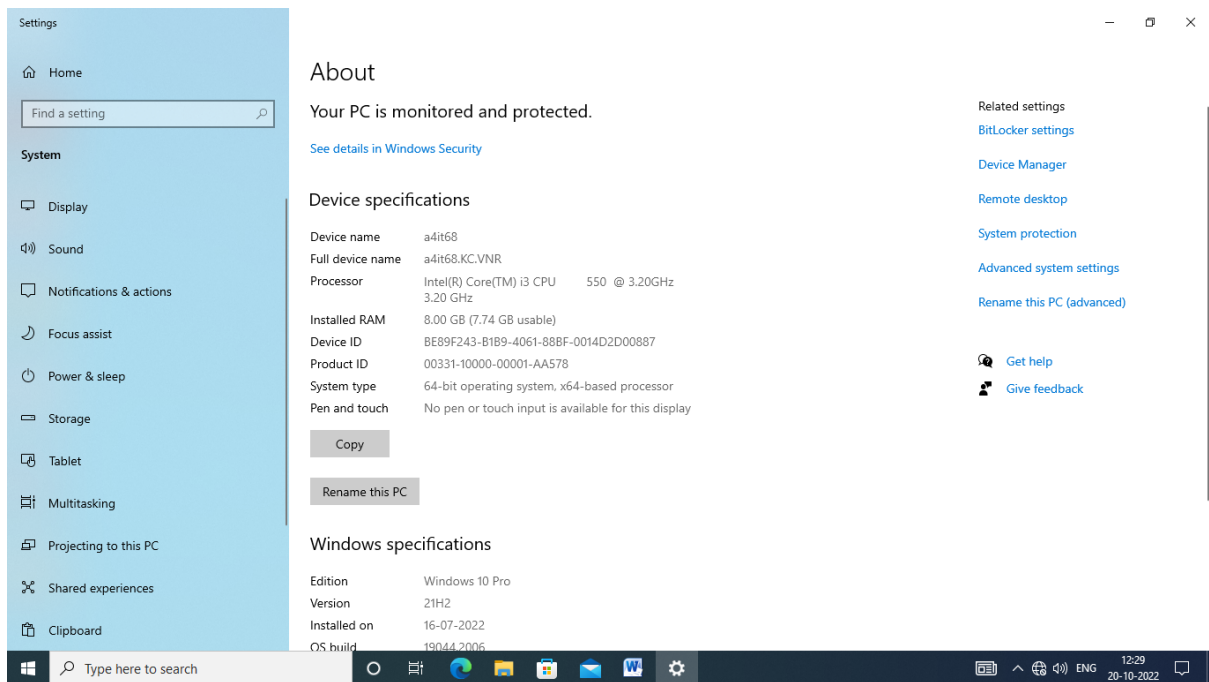


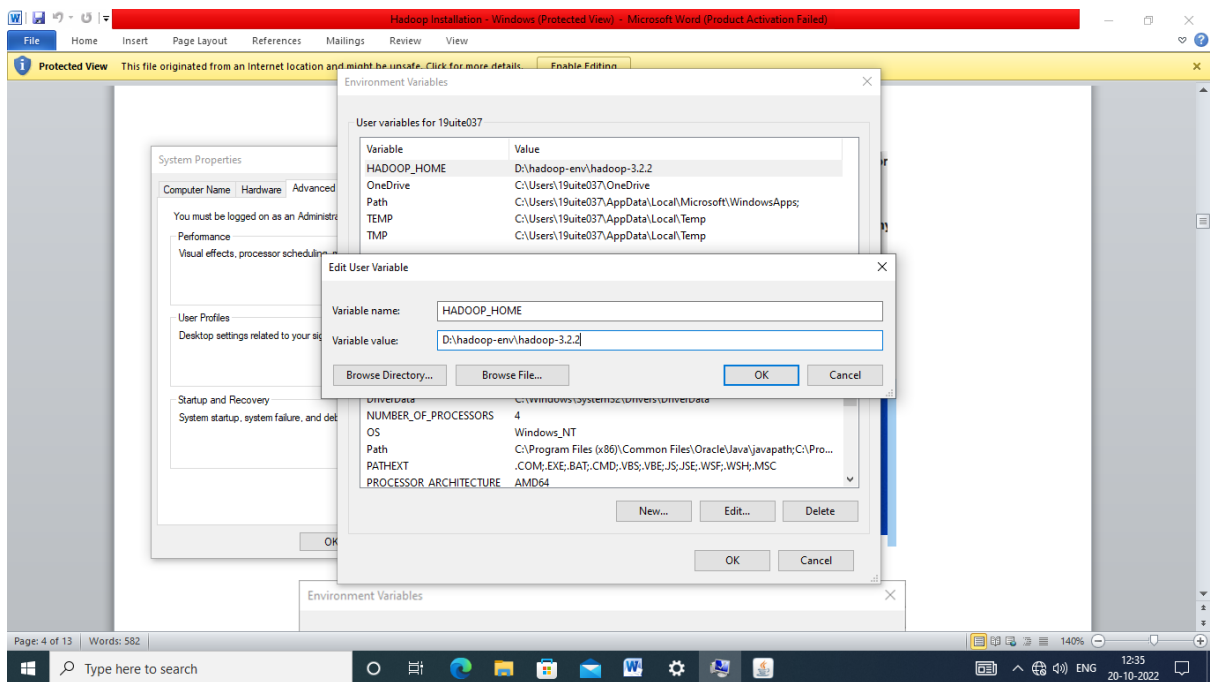
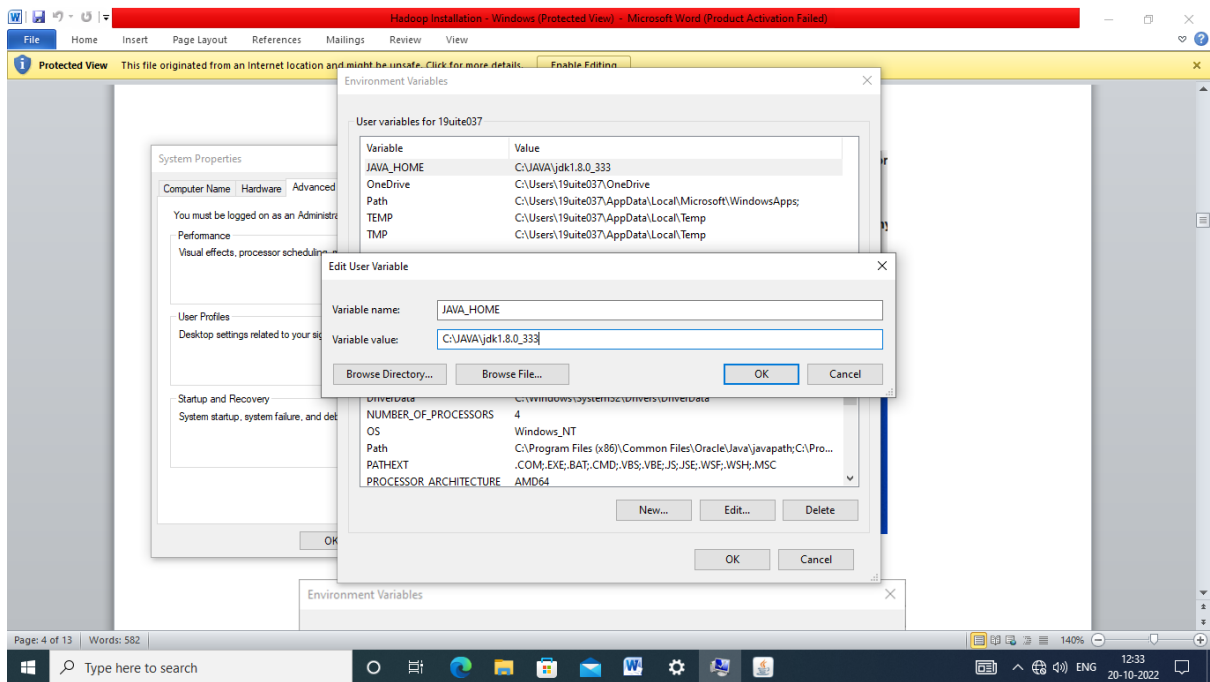
NAME : S.LAVANYA

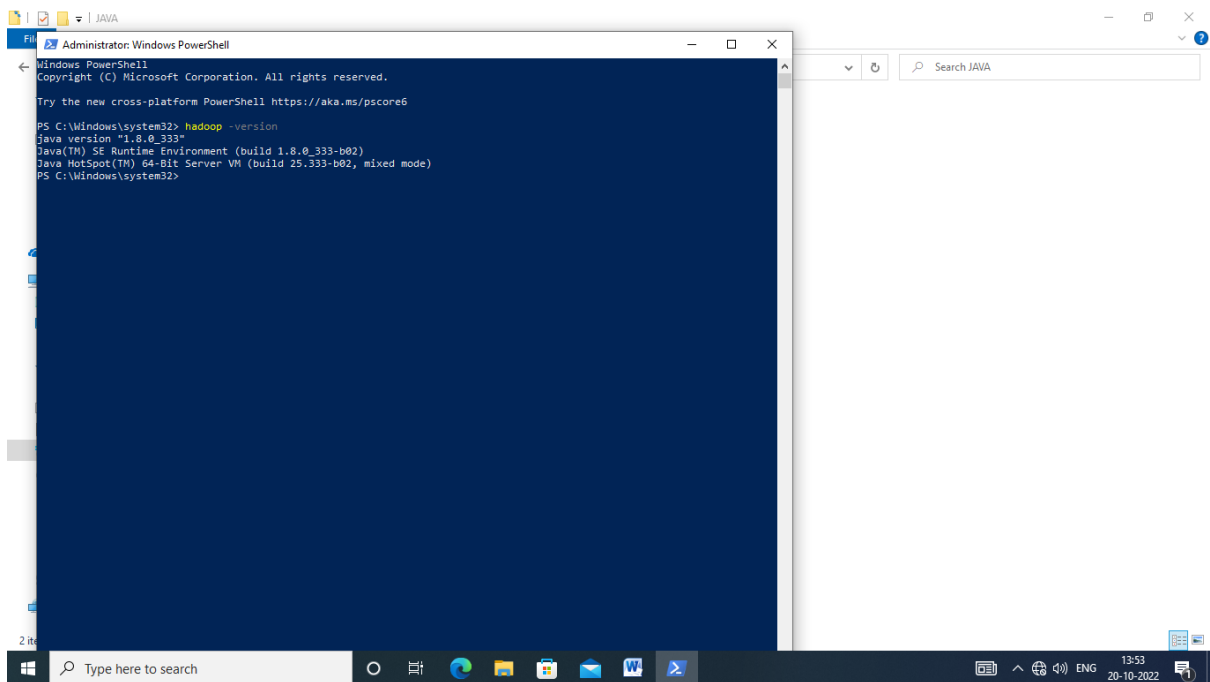
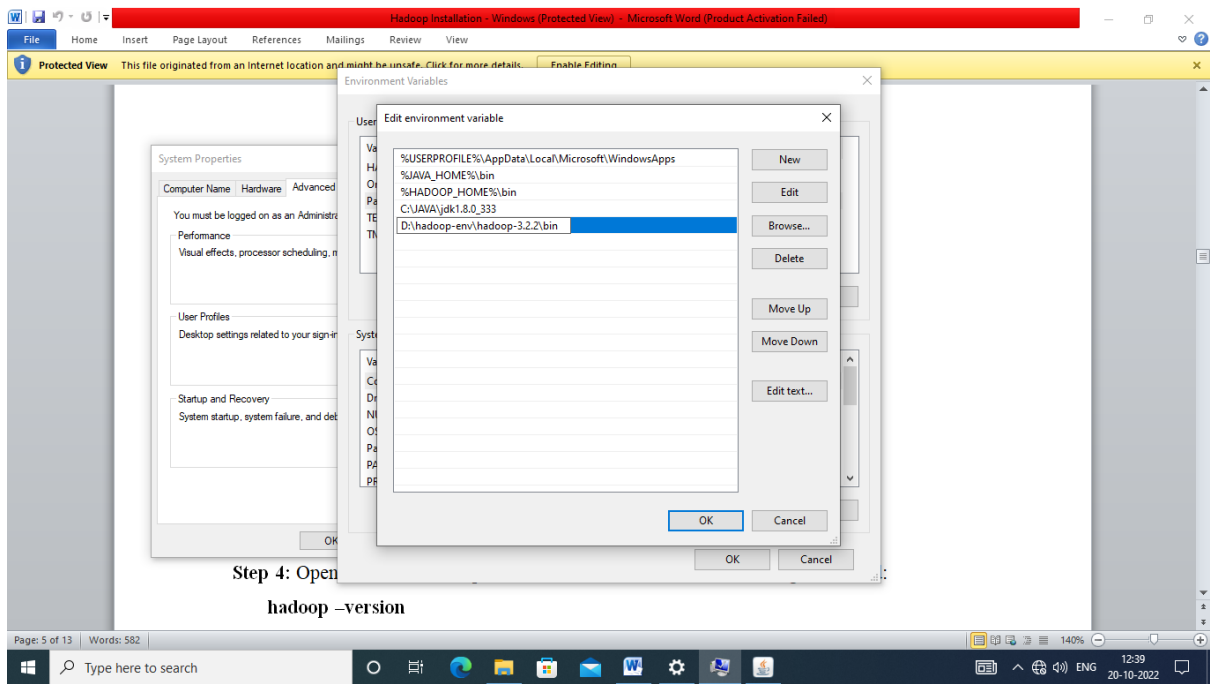
ROLL NO : 19UITE037

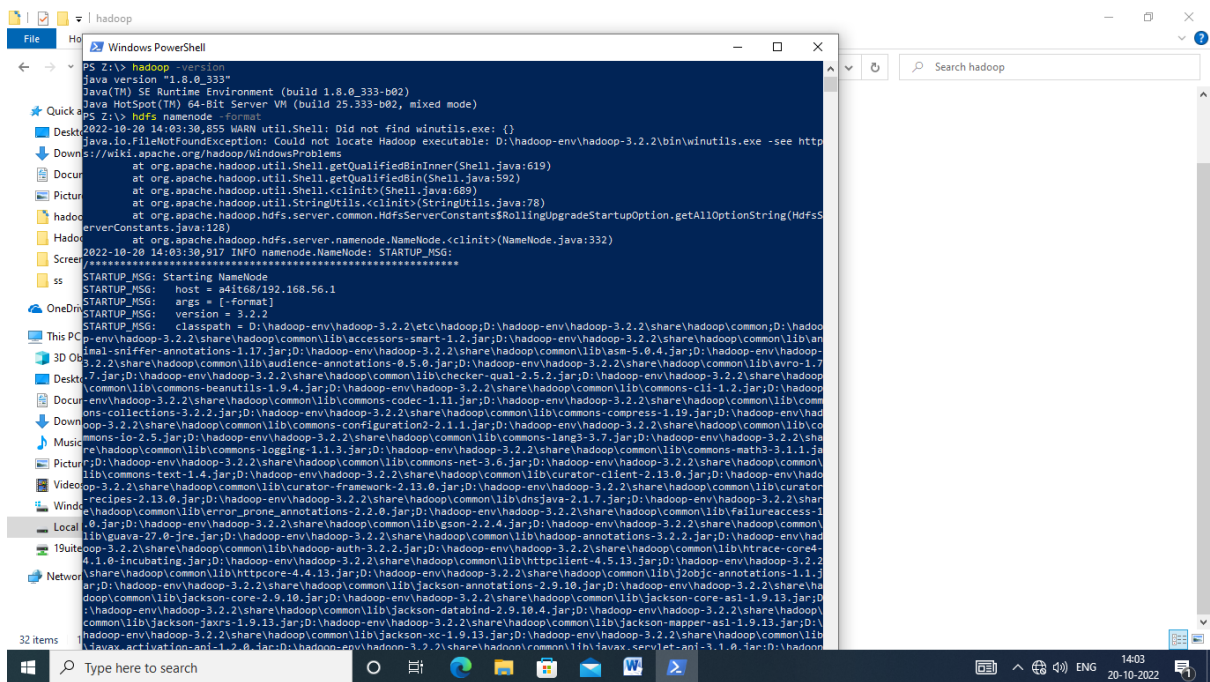
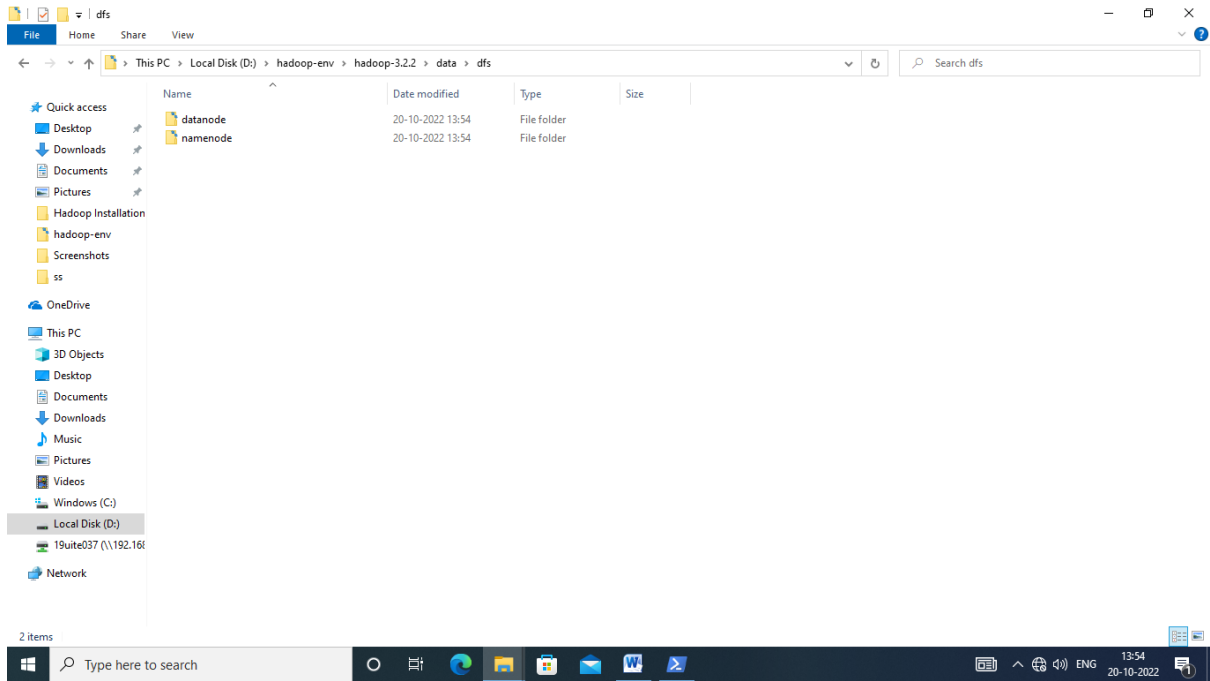
EX NO : 8

EX NAME : HADOOP









Windows PowerShell

```
2022-10-20 14:03:32,574 INFO util.GSet: VM type = 64-bit
2022-10-20 14:03:32,574 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-20 14:03:32,574 INFO util.GSet: capacity = 2^15 = 32768 entries
2022-10-20 14:03:37,199 INFO namenode.FSImage: Allocated new BlockPoolId: BP-1623556943-192.168.56.1-1666254817167
2022-10-20 14:03:37,199 ERROR namenode.NameNode: Failed to start namenode.
java.lang.RuntimeException: 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.getWinUtilsPath(Shell.java:736)
    at org.apache.hadoop.util.Shell.setSetPermissionCommand(Shell.java:271)
    at org.apache.hadoop.fs.FileUtil.execSetPermission(FileUtil.java:1346)
    at org.apache.hadoop.fs.FileUtil.setPermission(FileUtil.java:1299)
    at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.clearDirectory(Storage.java:456)
    at org.apache.hadoop.hdfs.server.namenode.NNStorage.format(NNStorage.java:591)
    at org.apache.hadoop.hdfs.server.namenode.FSImage.format(FSImage.java:188)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.format(NameNode.java:1230)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.createNameNode(NameNode.java:1673)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.main(NameNode.java:1783)
Caused by: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe - see https://wiki.apache.org/hadoop/WindowsProblems
    at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
    at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
    at org.apache.hadoop.util.Shell.<init>(Shell.java:689)
    at org.apache.hadoop.util.StringUtils.<init>(StringUtils.java:78)
    at org.apache.hadoop.hdfs.server.common.HdfsServerConstants$RollingUpgradeStartupOption.getAllOptionString(HdfsServerConstants.java:128)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:332)
2022-10-20 14:03:37,199 INFO util.ExitUtil: Exiting with status 1: java.lang.RuntimeException: 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
2022-10-20 14:03:37,214 INFO namenode.NameNode: SHUTDOWN_MSG:
=====
SHUTDOWN_MSG: Shutting down NameNode at a41t68/192.168.56.1
=====
PS Z:\>
```

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Select Windows PowerShell

```
time is 600000 millis
2022-10-20 14:07:42,323 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2022-10-20 14:07:42,323 INFO util.GSet: VM type = 64-bit
2022-10-20 14:07:42,323 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-20 14:07:42,323 INFO util.GSet: capacity = 2^15 = 32768 entries
2022-10-20 14:07:42,354 ERROR namenode.NameNode: Failed to start namenode.
java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Ljava/lang/String;I)Z
    at org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Native Method)
    at org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(NativeIO.java:793)
    at org.apache.hadoop.fs.FileUtil.canWrite(FileUtil.java:1254)
    at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeStorage(Storage.java:690)
    at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeStorage(Storage.java:642)
    at org.apache.hadoop.hdfs.server.namenode.FSImage.recoverStorageDirs(FSImage.java:386)
    at org.apache.hadoop.hdfs.server.namenode.FSImage.recoverTransitionRead(FSImage.java:242)
    at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFSImage(FSNamesystem.java:1135)
    at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFromDisk(FSNamesystem.java:750)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.loadNamesystem(NameNode.java:658)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.initialize(NameNode.java:734)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:977)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:950)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.createNameNode(NameNode.java:1716)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.main(NameNode.java:1783)
2022-10-20 14:07:42,354 INFO util.ExitUtil: Exiting with status 1: java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Ljava/lang/String;I)Z
2022-10-20 14:07:42,354 INFO namenode.NameNode: SHUTDOWN_MSG:
=====
SHUTDOWN_MSG: Shutting down NameNode at a41t68/192.168.56.1
=====
D:\hadoop-env\hadoop-3.2.2\sbin>
```

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```
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_
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

D:\hadoop-env\hadoop-3.2.2\sbin>.\start-dfs.cmd

D:\hadoop-env\hadoop-3.2.2\sbin>./yarn.cmd
'.' is not recognized as an internal or external command,
operable program or batch file.

D:\hadoop-env\hadoop-3.2.2\sbin>.\start-yarn.cmd
starting yarn daemons

D:\hadoop-env\hadoop-3.2.2\sbin>jps
4240 DataNode
5824 NameNode
5856 NodeManager
9880 Jps
5404 ResourceManager

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

Activate Windows
Go to Settings to activate Windows.

