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**DIGITAL ASSIGNMENT- 1**

**Semester: Winter Semester 2023-24**

**Course Code: BITE411L**

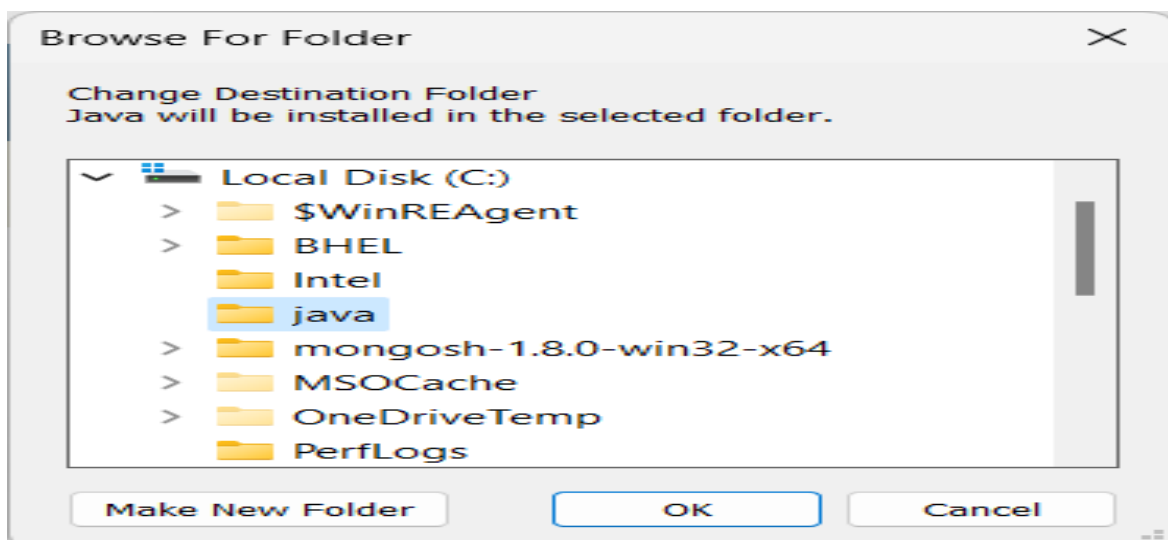
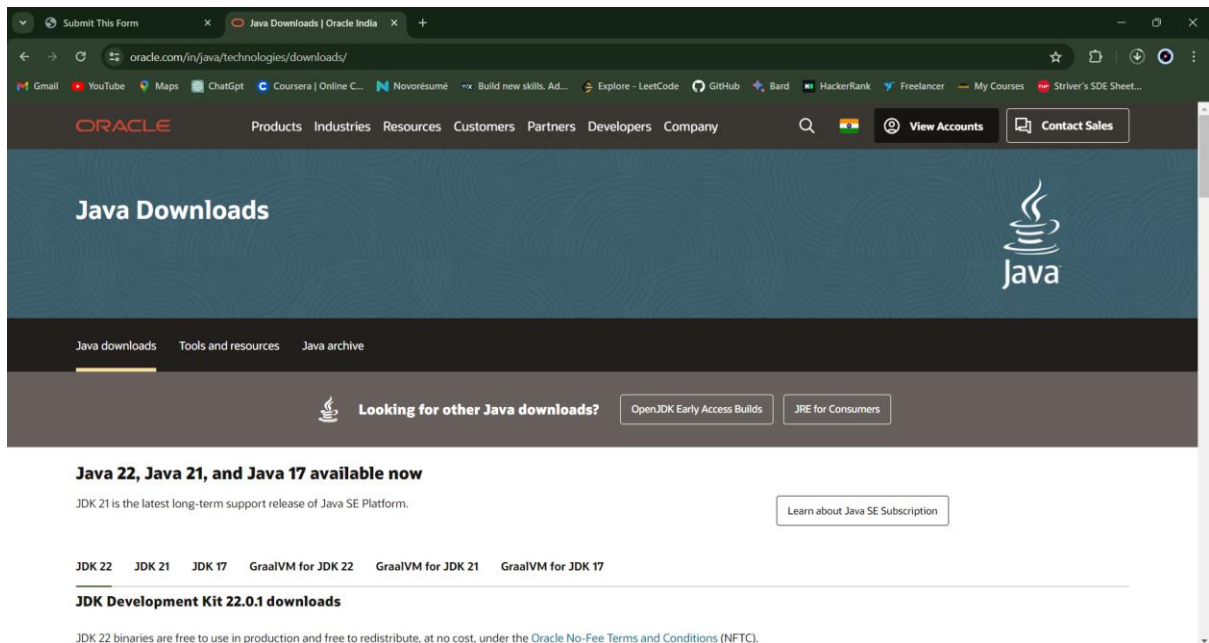
**Course Title: Big Data Analytics**

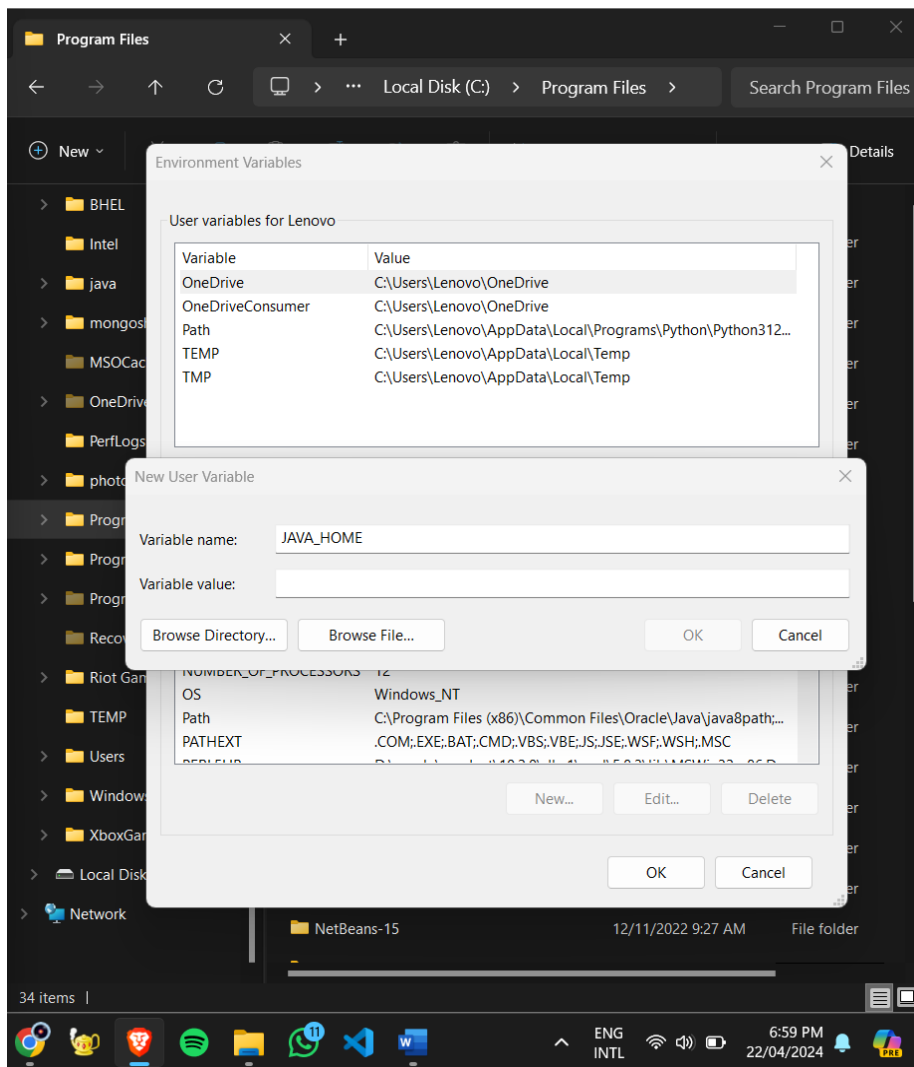
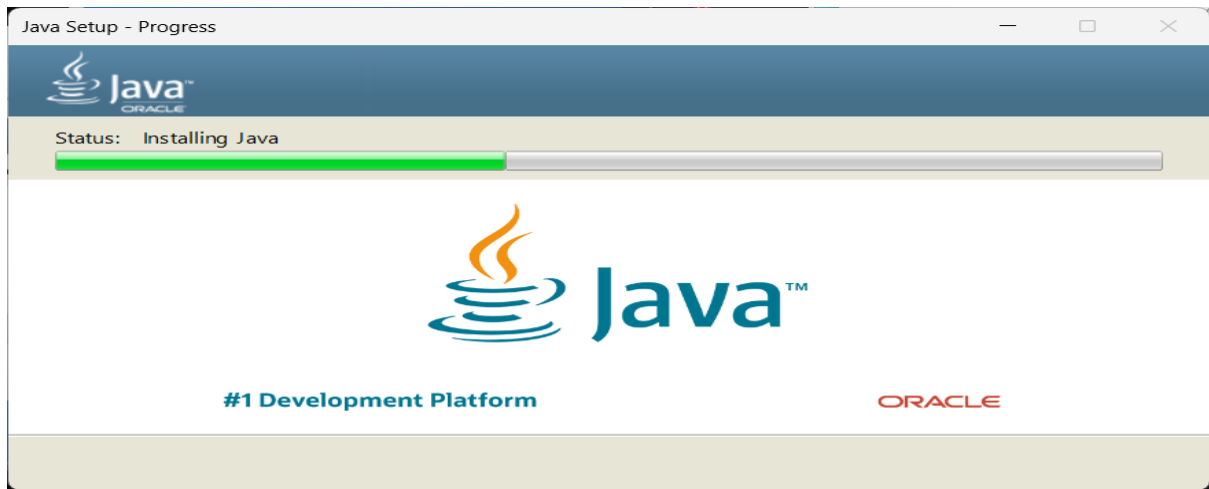
**Faculty Name: RANICHANDRA C – SCORE**

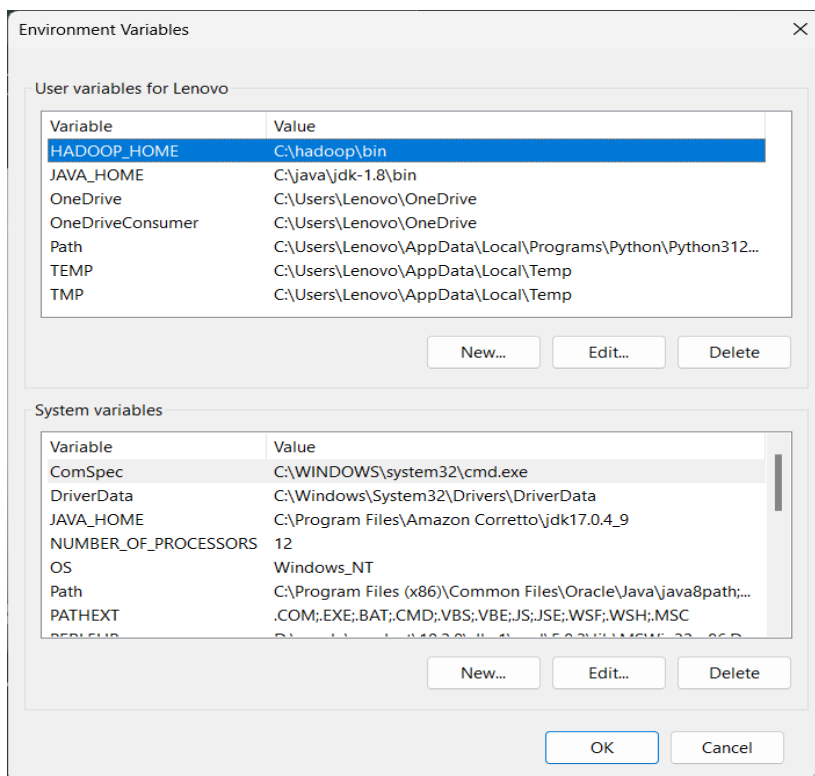
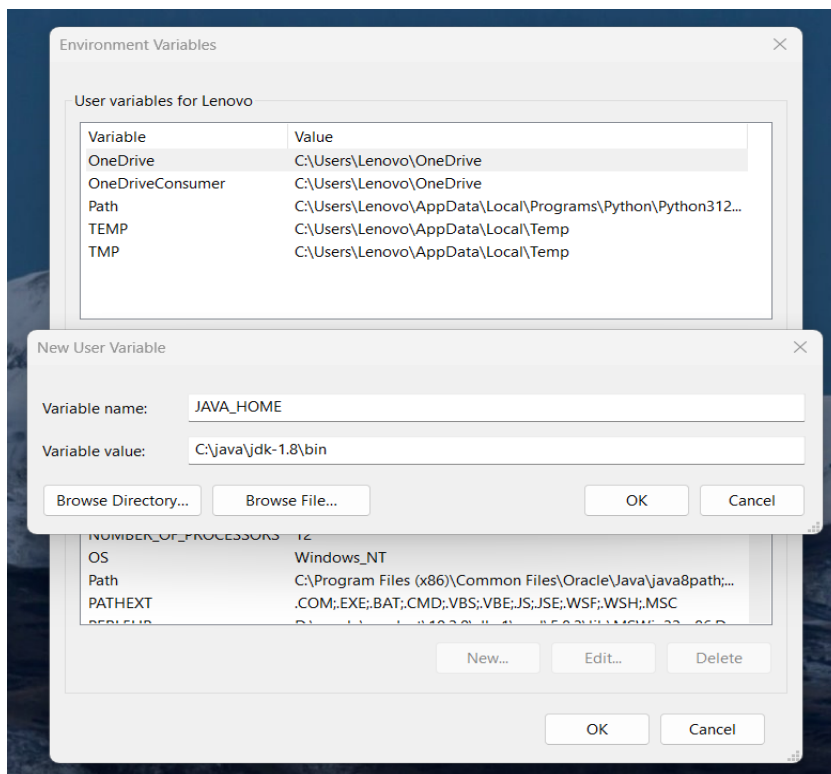
**NAME: POLI VARDHINI REDDY**

**REGISTER NUMBER: 21BIT0382**

## Download oracle java







## Checking whether the java is installed or not in system using command prompt

```
Command Prompt
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>java
Usage: java [options] <mainclass> [args...]
        (to execute a class)
or java [options] -jar <jarfile> [args...]
        (to execute a jar file)
or java [options] -m <module>[/<mainclass>] [args...]
        (to execute the main class in a module)
or java [options] --module <module>[/<mainclass>] [args...]
        (to execute the main class in a module)
or java [options] <sourcefile> [args]
        (to execute a single source-file program)

Arguments following the main class, source file, -jar <jarfile>,
-m or --module <module>/<mainclass> are passed as the arguments to
main class.

where options include:

-cp <class search path of directories and zip/jar files>
-classpath <class search path of directories and zip/jar files>
--class-path <class search path of directories and zip/jar files>
        A ; separated list of directories, JAR archives,
        and ZIP archives to search for class files.
-p <module path>
--module-path <module path>...
        A ; separated list of directories, each directory
        is a directory of modules.
--upgrade-module-path <module path>...
```

```
Command Prompt

-enableassertions[:<packagename>...|:<classname>]
        enable assertions with specified granularity
-da[:<packagename>...|:<classname>]
-disableassertions[:<packagename>...|:<classname>]
        disable assertions with specified granularity
-esa | -enablesystemassertions
        enable system assertions
-dsa | -disablesystemassertions
        disable system assertions
-agentlib:<libname>[=<options>]
        load native agent library <libname>, e.g. -agentlib:hprof
        see also, -agentlib:jdwp=help and -agentlib:hprof=help
-agentpath:<pathname>[=<options>]
        load native agent library by full pathname
-javaagent:<jarpath>[=<options>]
        load Java programming language agent, see java.lang.instrument
-splash:<imagepath>
        show splash screen with specified image
See http://www.oracle.com/technetwork/java/javase/documentation/index.html for more details.

C:\Users\Lenovo>java --version
Unrecognized option: --version
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.

C:\Users\Lenovo>javac --version
javac 17.0.4.1

C:\Users\Lenovo>
```


## Installing Apache Hadoop and WinRAR

Apache Download Mirrors x WinRAR download free and su x +

← → ↻ apache.org/dyn/closer.cgi/hadoop/common/hadoop-3.3.6... ☆

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**APACHE**<sup>®</sup>  
SOFTWARE FOUNDATION  
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We suggest the following location for your download:  
<https://dlcdn.apache.org/hadoop/common/hadoop-3.3.6/hadoop-3.3.6.tar.gz>

Alternate download locations are suggested below.

It is essential that you [verify the integrity](#) of the downloaded file using the PGP signature ( `.asc` file) or a hash ( `.md5` or `.sha*` file).

## HTTP

<https://dlcdn.apache.org/hadoop/common/hadoop-3.3.6/hadoop-3.3.6.tar.gz>

## BACKUP SITES

<https://dlcdn.apache.org/hadoop/common/hadoop-3.3.6/hadoop-3.3.6.tar.gz>

Apache Download Mirrors x WinRAR download free and su x +


← → ↻ win-rar.com/download.html?&L=0 ☆

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## Download WinRAR

If you don't know what you are looking for then you are probably looking for this WinRAR 64 bit version:



**WinRAR 7.00**  
English 64 bit

★★★★★  
USER VOTES 4.5 stars by CNET

---

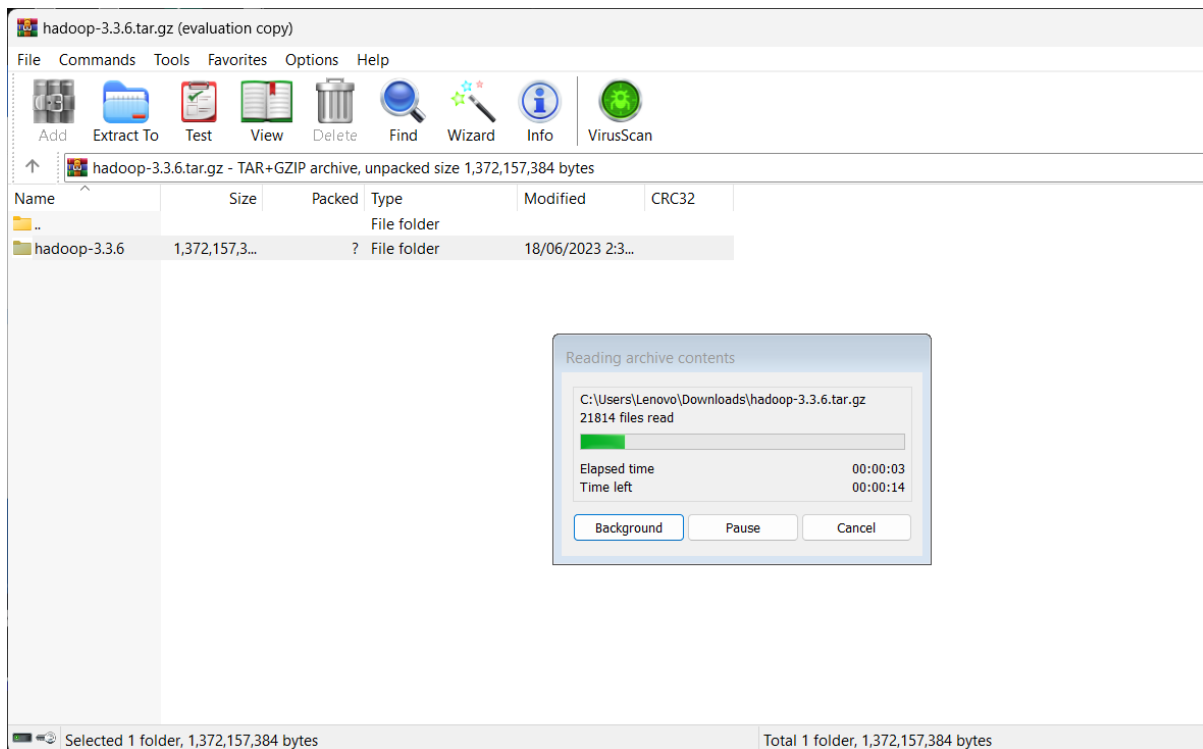
**Select for download**

Language  Version  Platform

Latest WinRAR and RAR Versions English	Size
<a href="#">WinRAR 7.00 English 64 bit</a>	3819 KB
<a href="#">WinRAR 7.00 English 32 bit</a>	3476 KB

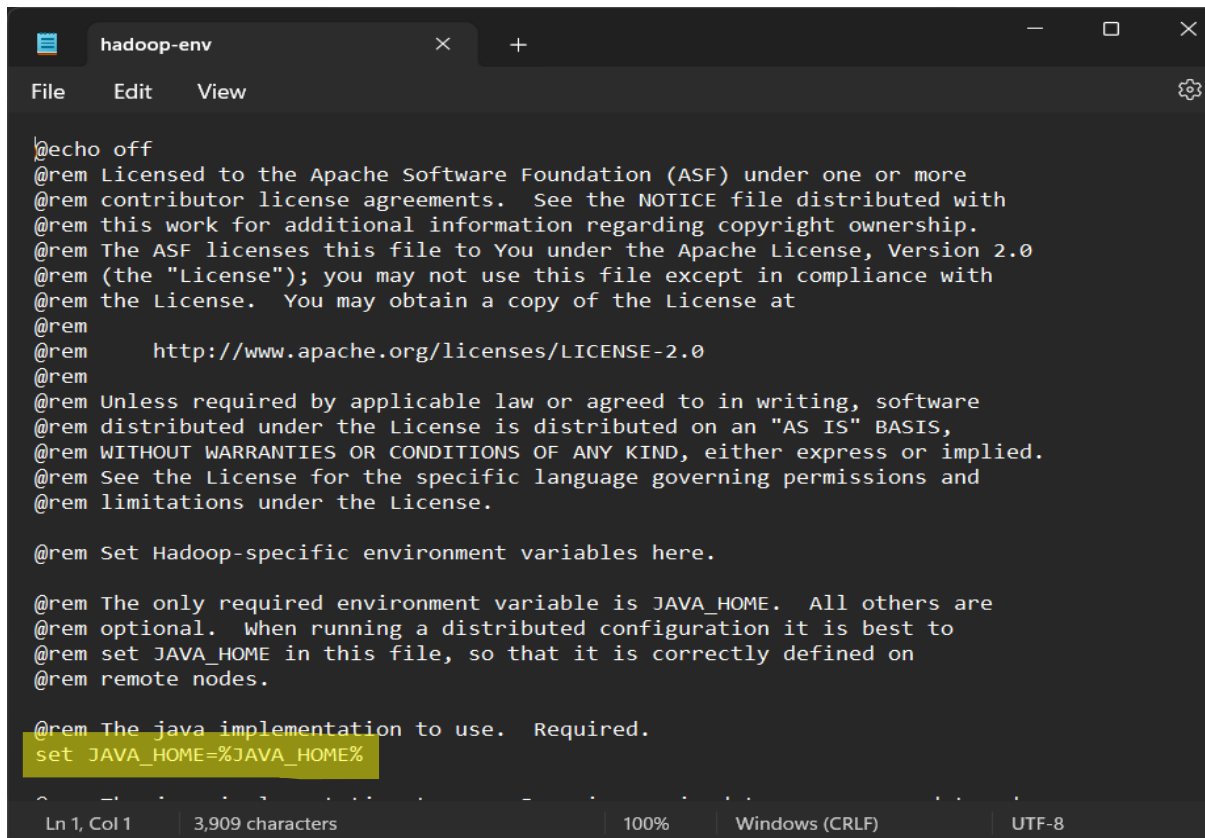
  

Download WinRAR and RAR Latest Version	Size
<a href="#">WinRAR 7.00 Arabic 64 bit</a>	3867 KB
<a href="#">WinRAR 7.00 Armenian 64 bit</a>	3919 KB
<a href="#">WinRAR 6.24 Azerbaijani 64 bit</a>	3552 KB
<a href="#">WinRAR 7.00 Bulgarian 64 bit</a>	3931 KB
<a href="#">WinRAR 7.00 Catalan 64 bit</a>	3991 KB
<a href="#">WinRAR 7.00 Chinese Simplified 64 bit</a>	4010 KB
<a href="#">WinRAR 7.00 Chinese Traditional 64 bit</a>	4127 KB



**Extract Hadoop file in drive C**

## Open Hadoop file from drive and edit Hadoop-env



```
hadoop-env
File Edit View
@echo off
@rem Licensed to the Apache Software Foundation (ASF) under one or more
@rem contributor license agreements. See the NOTICE file distributed with
@rem this work for additional information regarding copyright ownership.
@rem The ASF licenses this file to You under the Apache License, Version 2.0
@rem (the "License"); you may not use this file except in compliance with
@rem the License. You may obtain a copy of the License at
@rem
@rem http://www.apache.org/licenses/LICENSE-2.0
@rem
@rem Unless required by applicable law or agreed to in writing, software
@rem distributed under the License is distributed on an "AS IS" BASIS,
@rem WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
@rem See the License for the specific language governing permissions and
@rem limitations under the License.

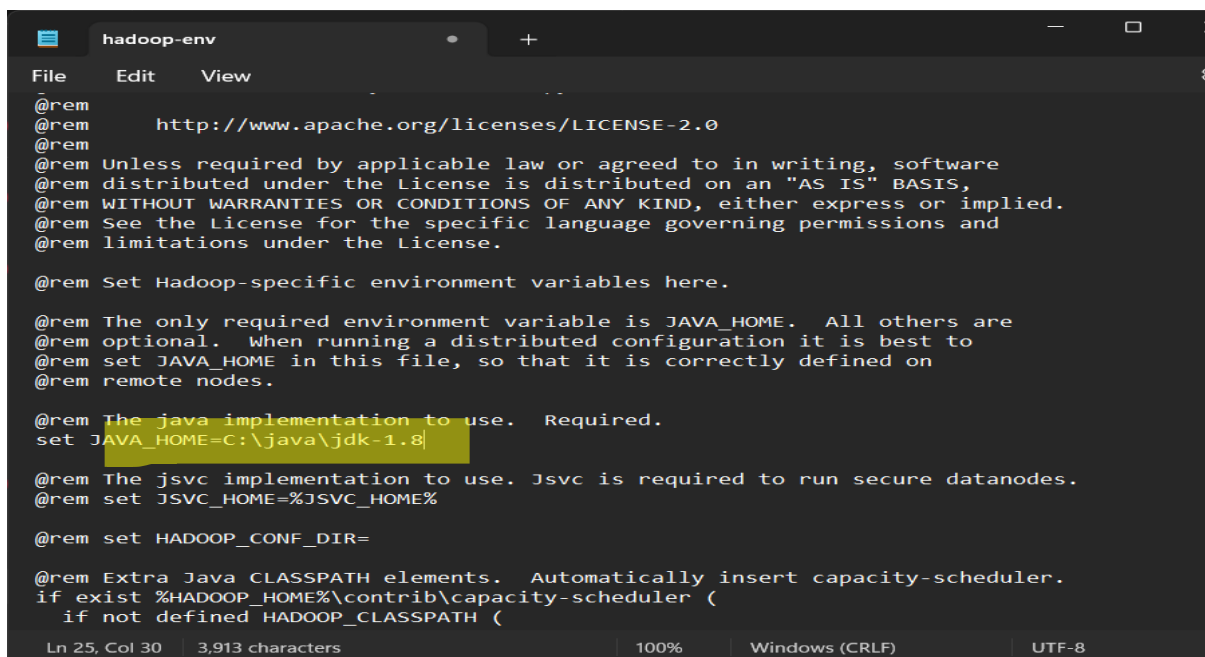
@rem Set Hadoop-specific environment variables here.

@rem The only required environment variable is JAVA_HOME. All others are
@rem optional. When running a distributed configuration it is best to
@rem set JAVA_HOME in this file, so that it is correctly defined on
@rem remote nodes.

@rem The java implementation to use. Required.
set JAVA_HOME=%JAVA_HOME%

Ln 1, Col 1 | 3,909 characters | 100% | Windows (CRLF) | UTF-8
```

## Copy the path of installed java file and change



```
hadoop-env
File Edit View
@rem
@rem http://www.apache.org/licenses/LICENSE-2.0
@rem
@rem Unless required by applicable law or agreed to in writing, software
@rem distributed under the License is distributed on an "AS IS" BASIS,
@rem WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
@rem See the License for the specific language governing permissions and
@rem limitations under the License.

@rem Set Hadoop-specific environment variables here.

@rem The only required environment variable is JAVA_HOME. All others are
@rem optional. When running a distributed configuration it is best to
@rem set JAVA_HOME in this file, so that it is correctly defined on
@rem remote nodes.

@rem The java implementation to use. Required.
set JAVA_HOME=C:\java\jdk-1.8

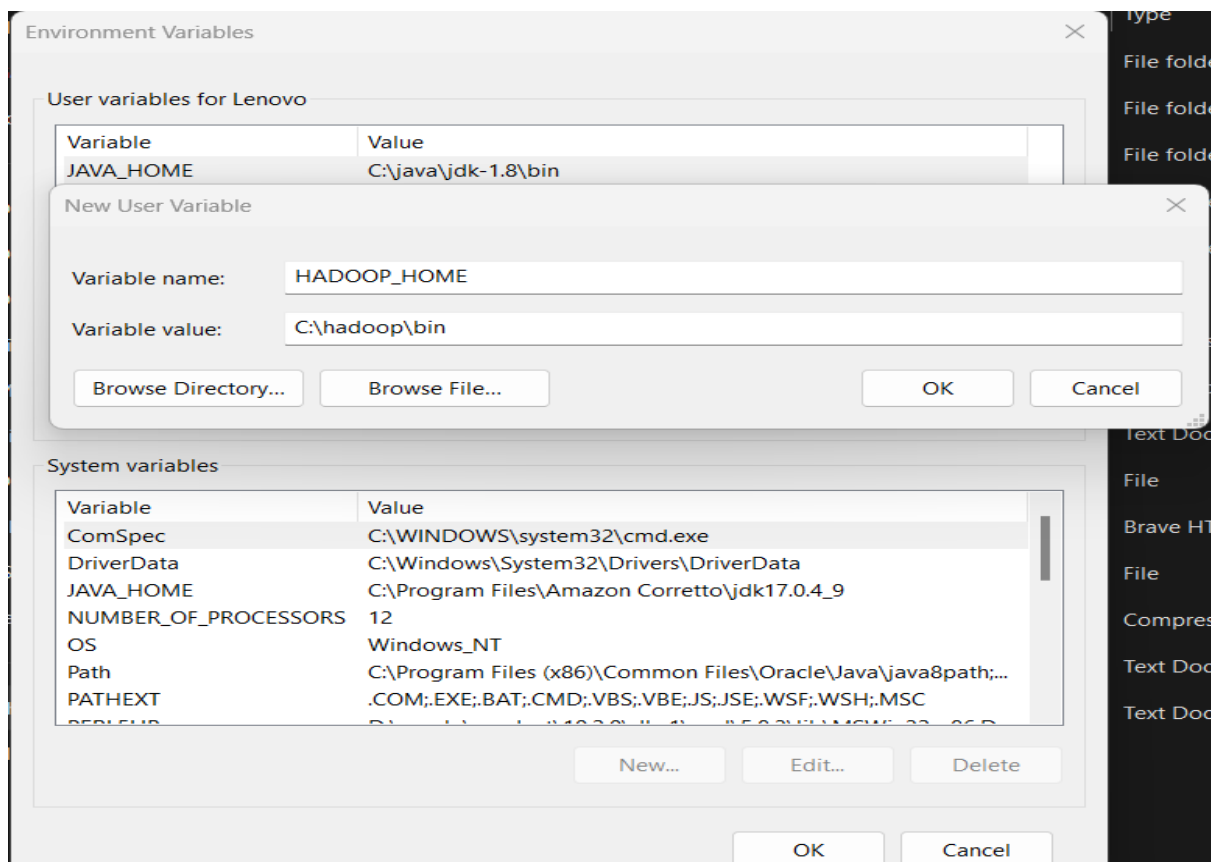
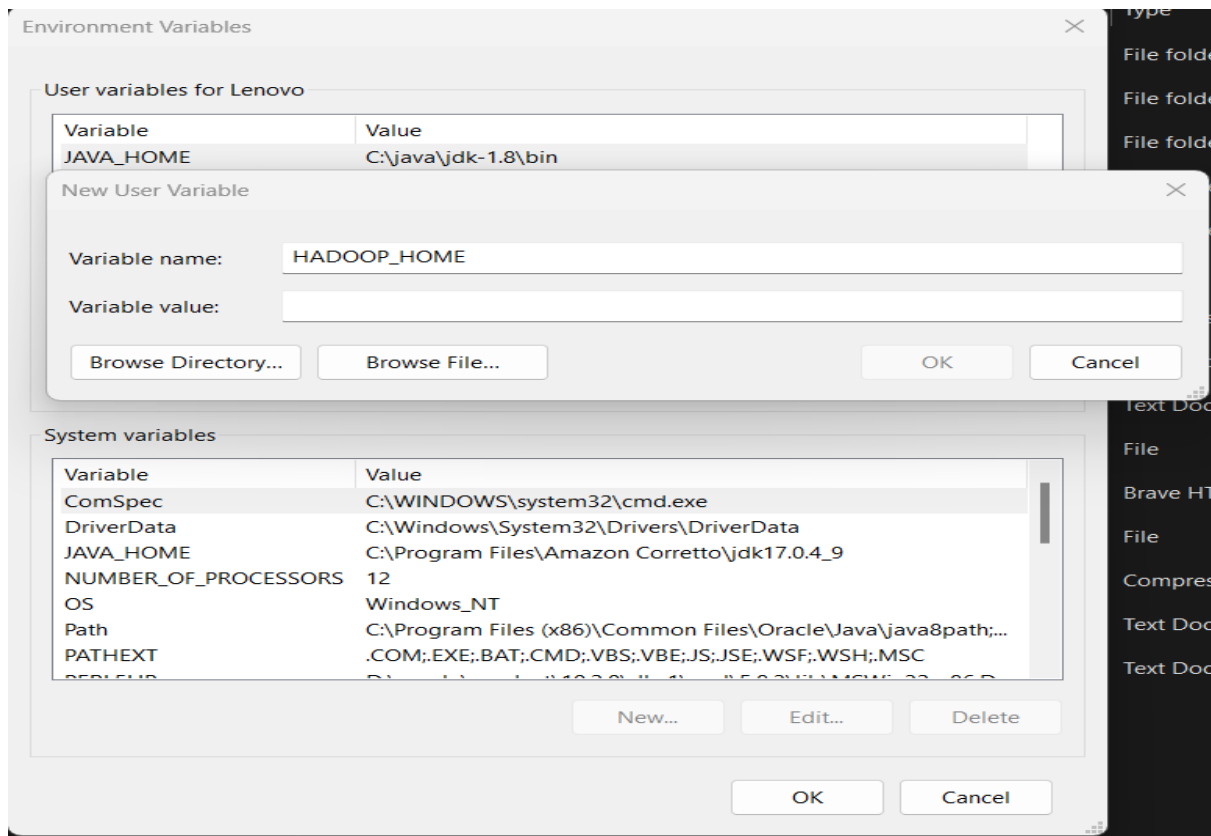
@rem The jsvc implementation to use. Jsvc is required to run secure datanodes.
@rem set JSVC_HOME=%JSVC_HOME%

@rem set HADOOP_CONF_DIR=

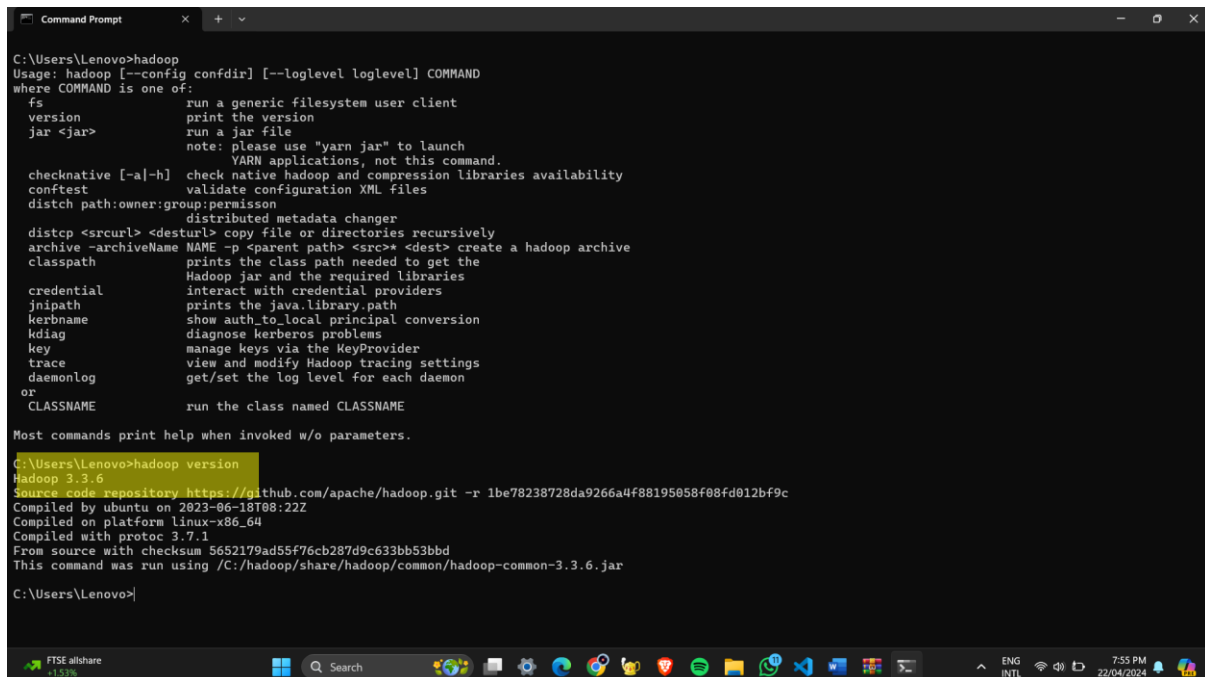
@rem Extra Java CLASSPATH elements. Automatically insert capacity-scheduler.
if exist %HADOOP_HOME%\contrib\capacity-scheduler (
  if not defined HADOOP_CLASSPATH (

Ln 25, Col 30 | 3,913 characters | 100% | Windows (CRLF) | UTF-8
```





## Checking if the Hadoop is installed or not with command prompt and the version installed



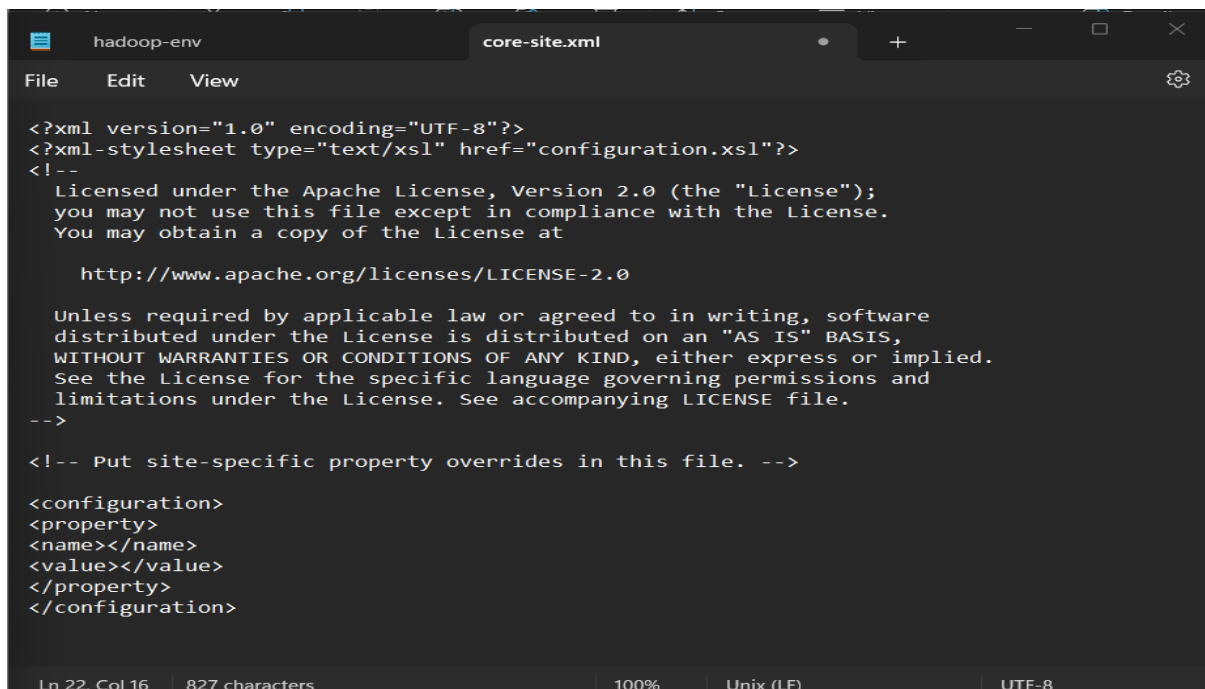
```
C:\Users\Lenovo>hadoop
Usage: hadoop [--config confdir] [--loglevel loglevel] COMMAND
where COMMAND is one of:
  fs                run a generic filesystem user client
  version           print the version
  jar <jar>         run a jar file
                    note: please use "yarn jar" to launch
                        YARN applications, not this command.
  checknative [-a|-h] check native hadoop and compression libraries availability
  conftest          validate configuration XML files
  distch path:owner:group:permission distributed metadata changer
  distcp <srcurl> <desturl> copy file or directories recursively
  archive -archiveName NAME -p <parent path> <src>* <dest> create a hadoop archive
  classpath          prints the class path needed to get the
                    Hadoop jar and the required libraries
  credential         interact with credential providers
  jnipath            prints the java.library.path
  kerbname           show auth_to_local principal conversion
  kdiag             diagnose kerberos problems
  key               manage keys via the KeyProvider
  trace             view and modify Hadoop tracing settings
  daemonlog         get/set the log level for each daemon
  or
  CLASSNAME         run the class named CLASSNAME

Most commands print help when invoked w/o parameters.

C:\Users\Lenovo>hadoop version
Hadoop 3.3.6
Source code repository https://github.com/apache/hadoop.git -r 1be78238728da9266a4f88195058f08fd012bf9c
Compiled by ubuntu on 2023-06-18T08:22Z
Compiled on platform linux-x86_64
Compiled with protoc 3.7.1
From source with checksum 5652179ad55f76cb287d9c633bb53bbd
This command was run using /C:/hadoop/share/hadoop/common/hadoop-common-3.3.6.jar

C:\Users\Lenovo>
```

## In Hadoop file from c drive open core-site.xml and edit



```
hadoop-env  core-site.xml
File Edit View
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
  Licensed under the Apache License, Version 2.0 (the "License");
  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

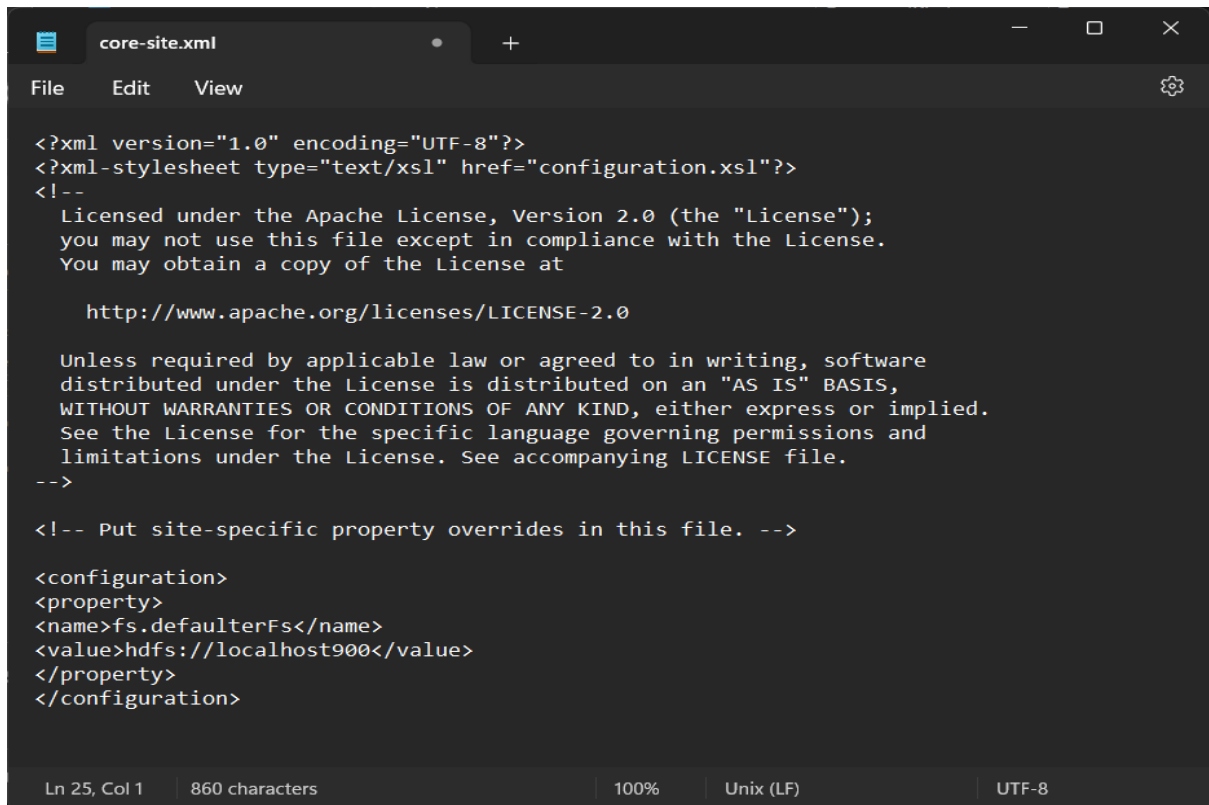
    http://www.apache.org/licenses/LICENSE-2.0

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  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
  <property>
    <name></name>
    <value></value>
  </property>
</configuration>

Ln 22, Col 16 | 827 characters | 100% | Unix (LF) | UTF-8
```



```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
  Licensed under the Apache License, Version 2.0 (the "License");
  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

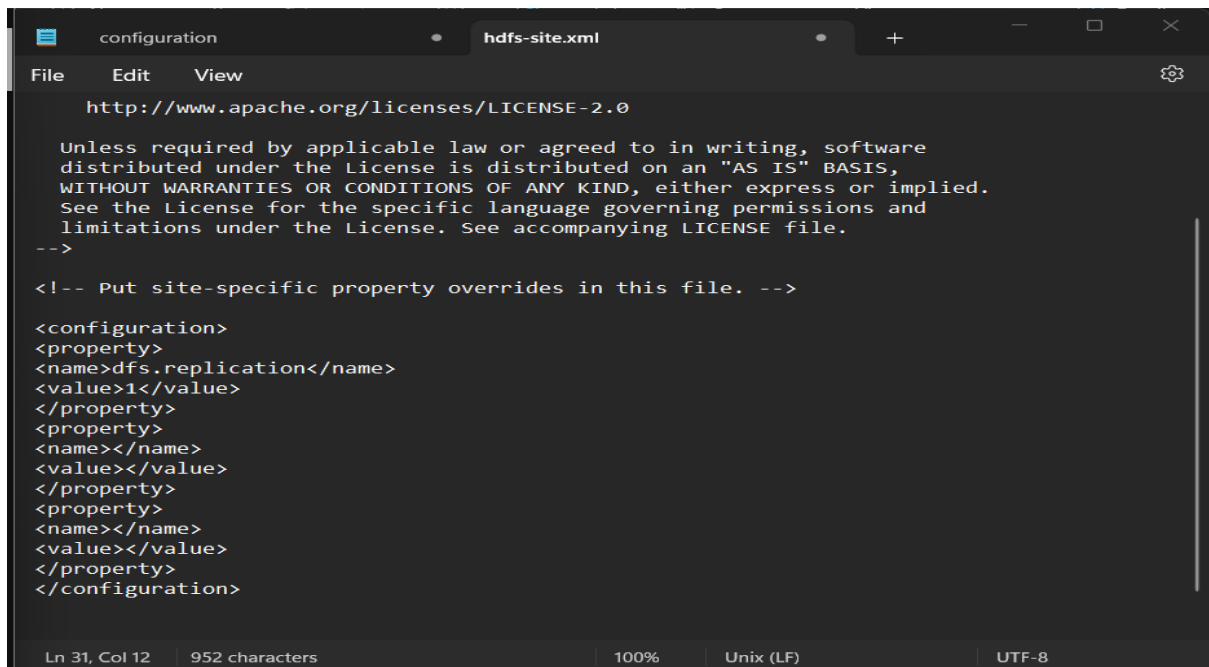
  Unless required by applicable law or agreed to in writing, software
  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
<name>fs.defaultFS</name>
<value>hdfs://localhost9000</value>
</property>
</configuration>
```

Ln 25, Col 1 | 860 characters | 100% | Unix (LF) | UTF-8

In Hadoop file from c drive open hdfs-site.xml and edit



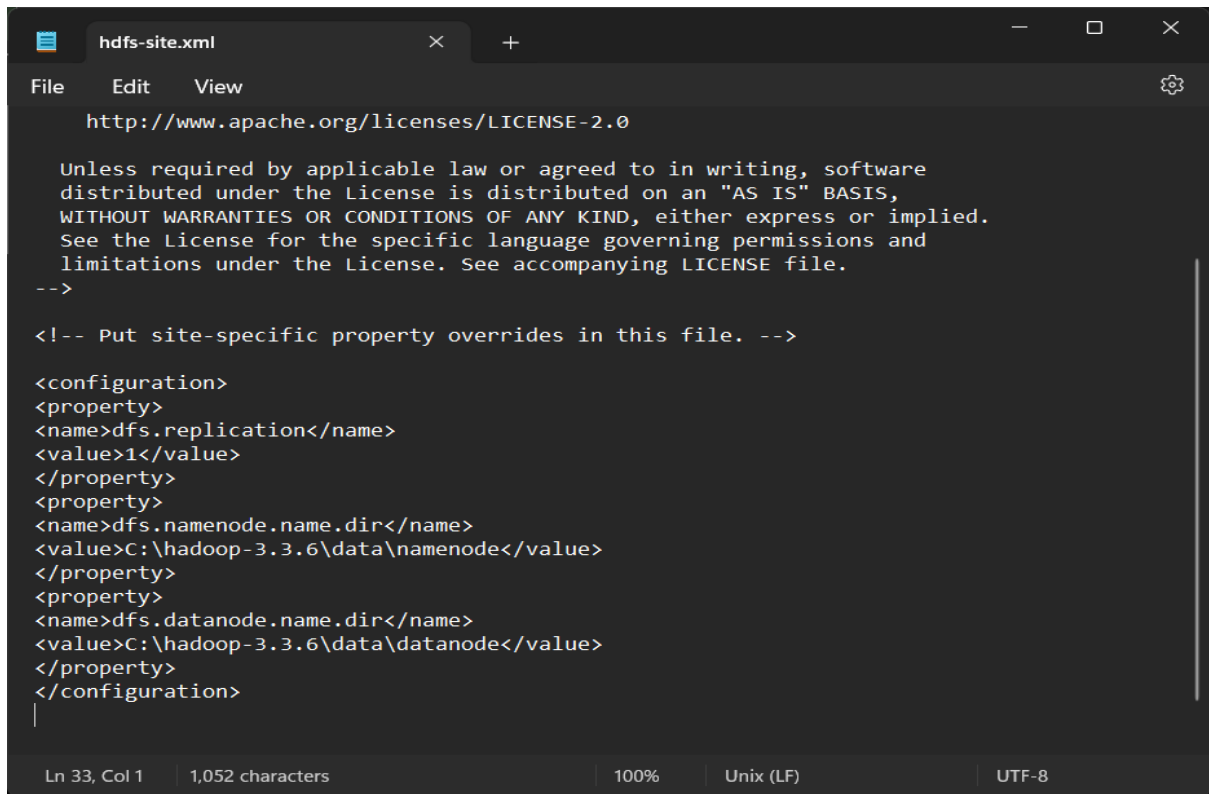
```
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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
<name>dfs.replication</name>
<value>1</value>
</property>
<property>
<name></name>
<value></value>
</property>
<property>
<name></name>
<value></value>
</property>
</configuration>
```

Ln 31, Col 12 | 952 characters | 100% | Unix (LF) | UTF-8



```
hdfs-site.xml
File Edit View
http://www.apache.org/licenses/LICENSE-2.0

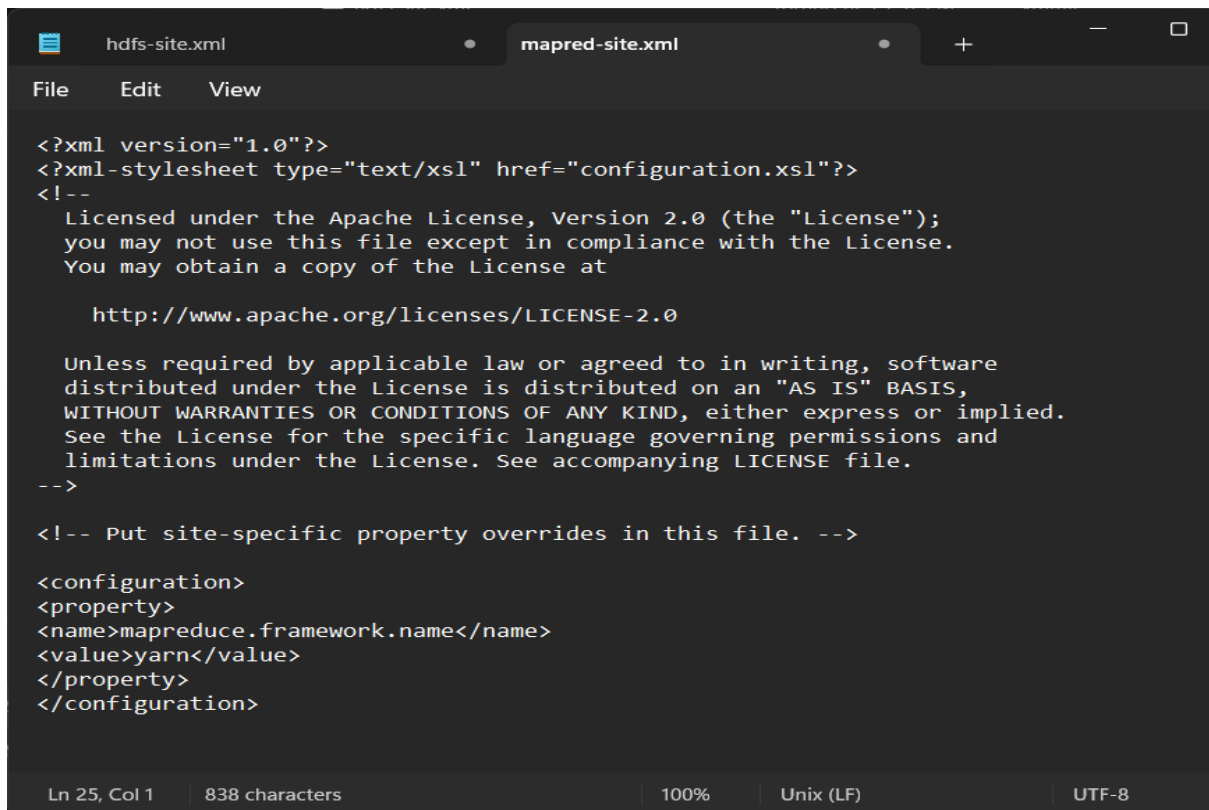
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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
<name>dfs.replication</name>
<value>1</value>
</property>
<property>
<name>dfs.namenode.name.dir</name>
<value>C:\hadoop-3.3.6\data\namenode</value>
</property>
<property>
<name>dfs.datanode.name.dir</name>
<value>C:\hadoop-3.3.6\data\datanode</value>
</property>
</configuration>
|

Ln 33, Col 1 | 1,052 characters | 100% | Unix (LF) | UTF-8
```

In Hadoop file from c drive open mapred-site.xml and edit



```
hdfs-site.xml mapred-site.xml
File Edit View
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

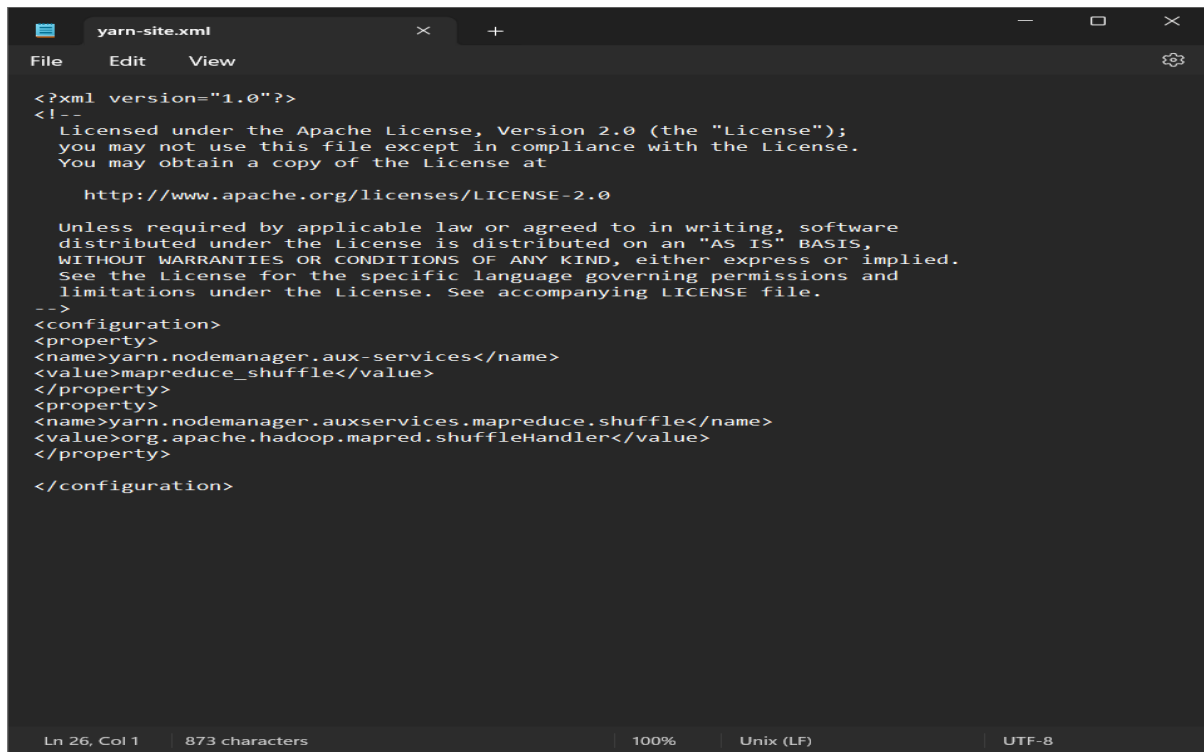
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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
<name>mapreduce.framework.name</name>
<value>yarn</value>
</property>
</configuration>

Ln 25, Col 1 | 838 characters | 100% | Unix (LF) | UTF-8
```

In Hadoop file from c drive open yarn-site.xml and edit

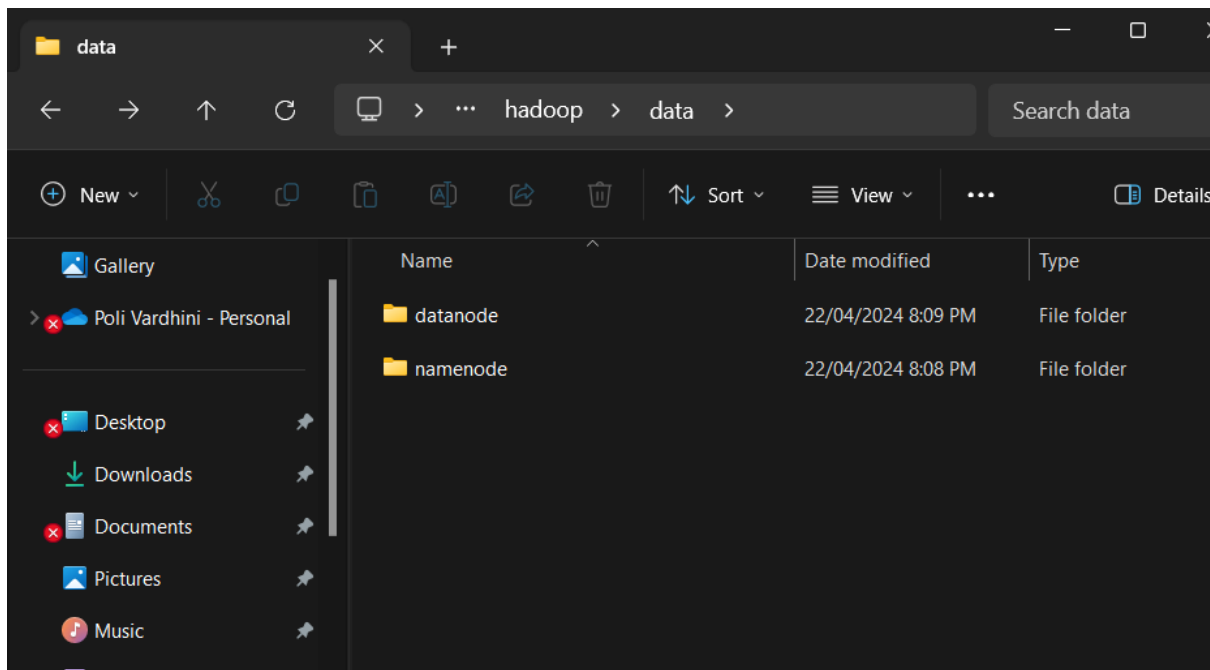


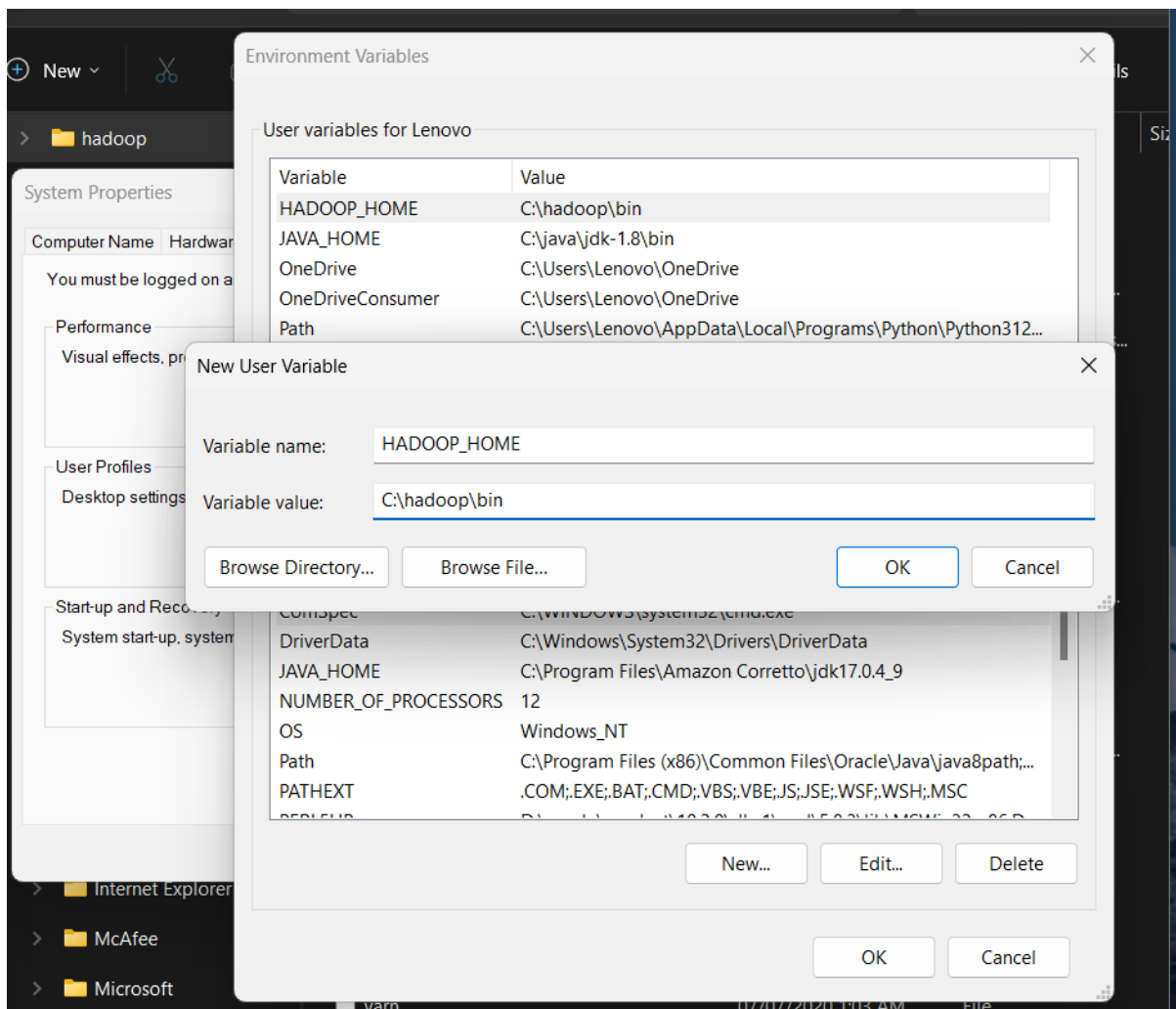
```
<?xml version="1.0"?>
<!--
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

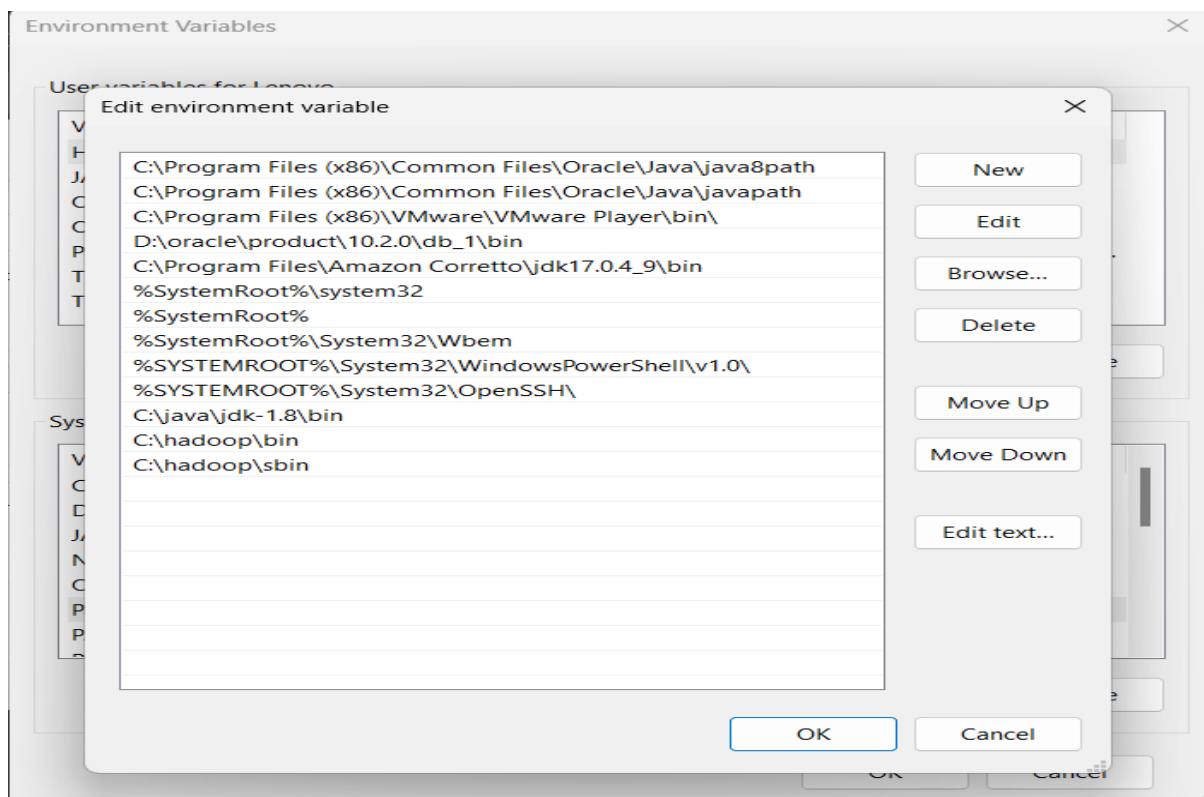
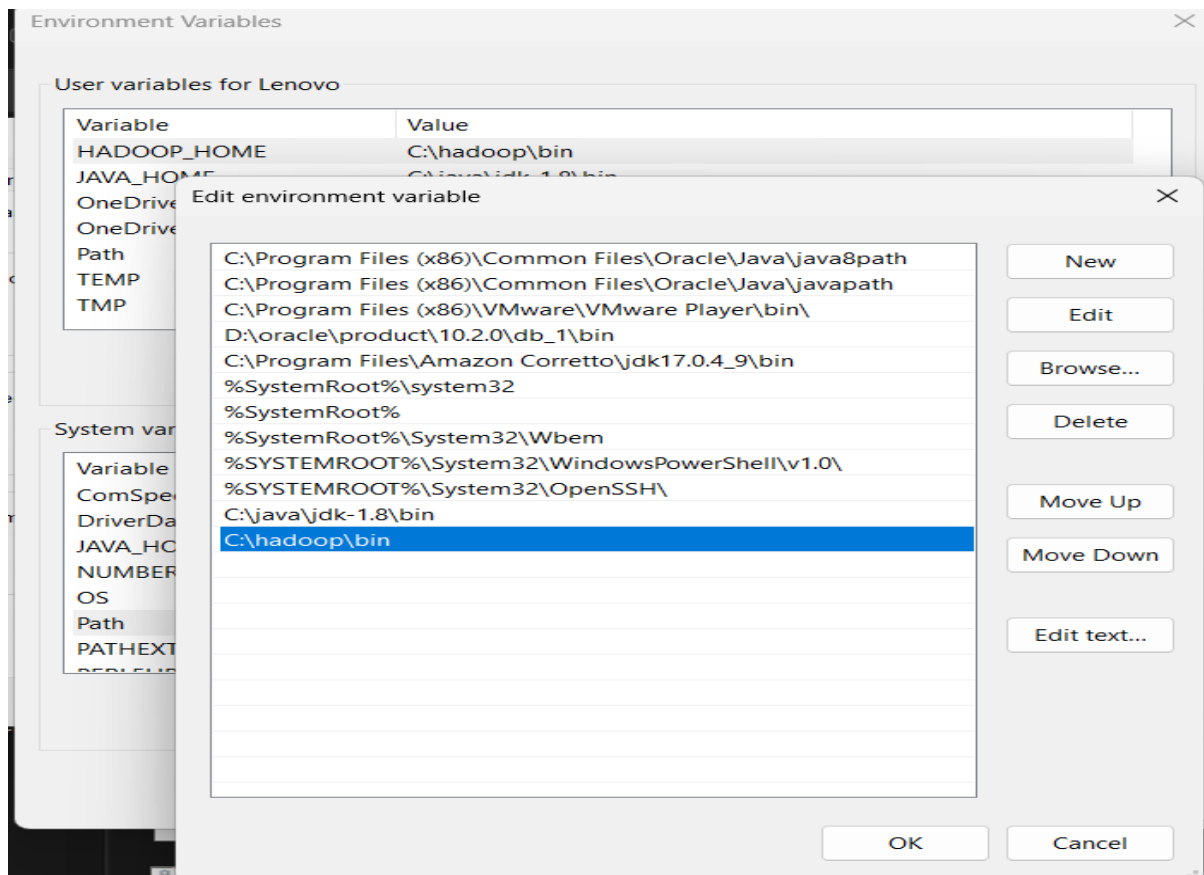
    http://www.apache.org/licenses/LICENSE-2.0

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distributed under the license is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the license for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->
<configuration>
<property>
<name>yarn.nodemanager.aux-services</name>
<value>mapreduce_shuffle</value>
</property>
<property>
<name>yarn.nodemanager.auxservices.mapreduce.shuffle</name>
<value>org.apache.hadoop.mapred.shuffleHandler</value>
</property>
</configuration>
```

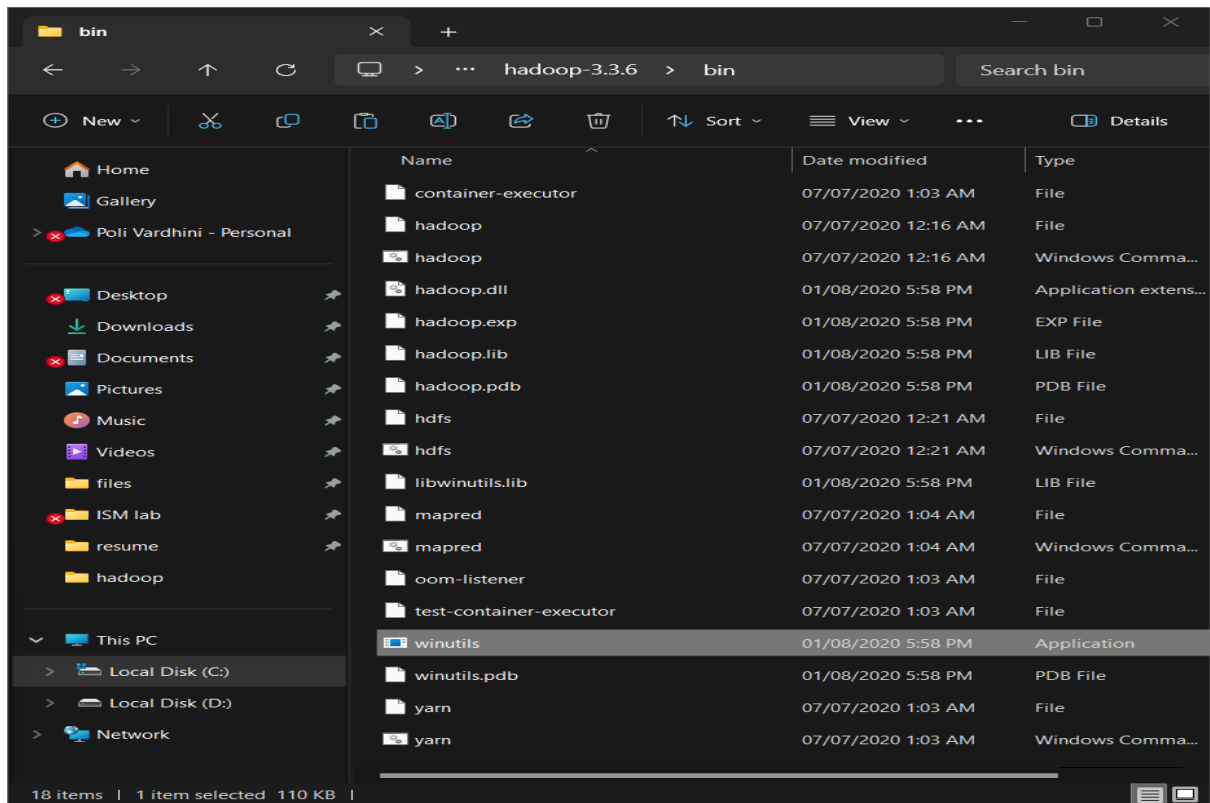
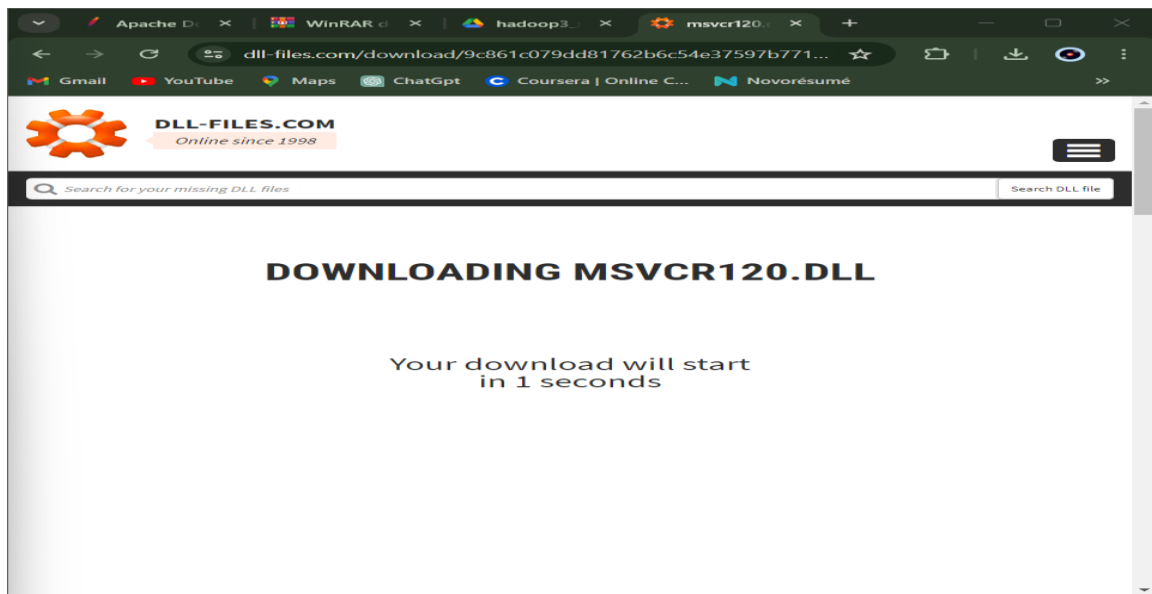
Create two new folders in Hadoop bin





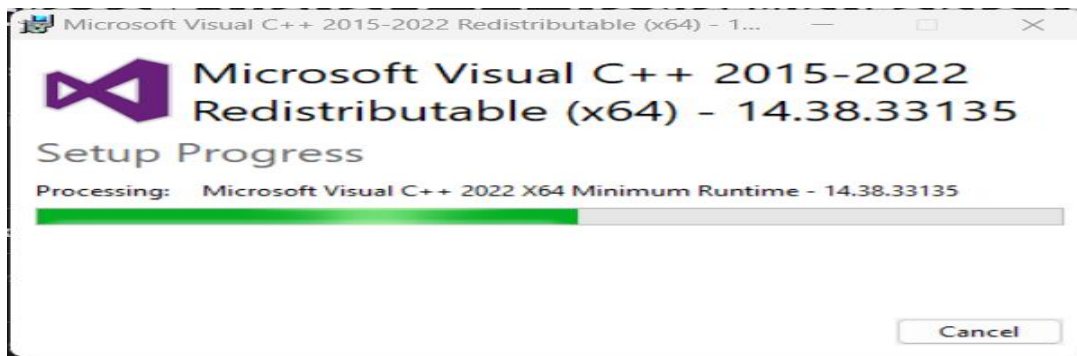


## Download MSVR120.DLL



**Download Microsoft Visual C++**





## Starting namenode

```
Command Prompt
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>cd \

C:\>cd hadoop

C:\hadoop>cd sbin

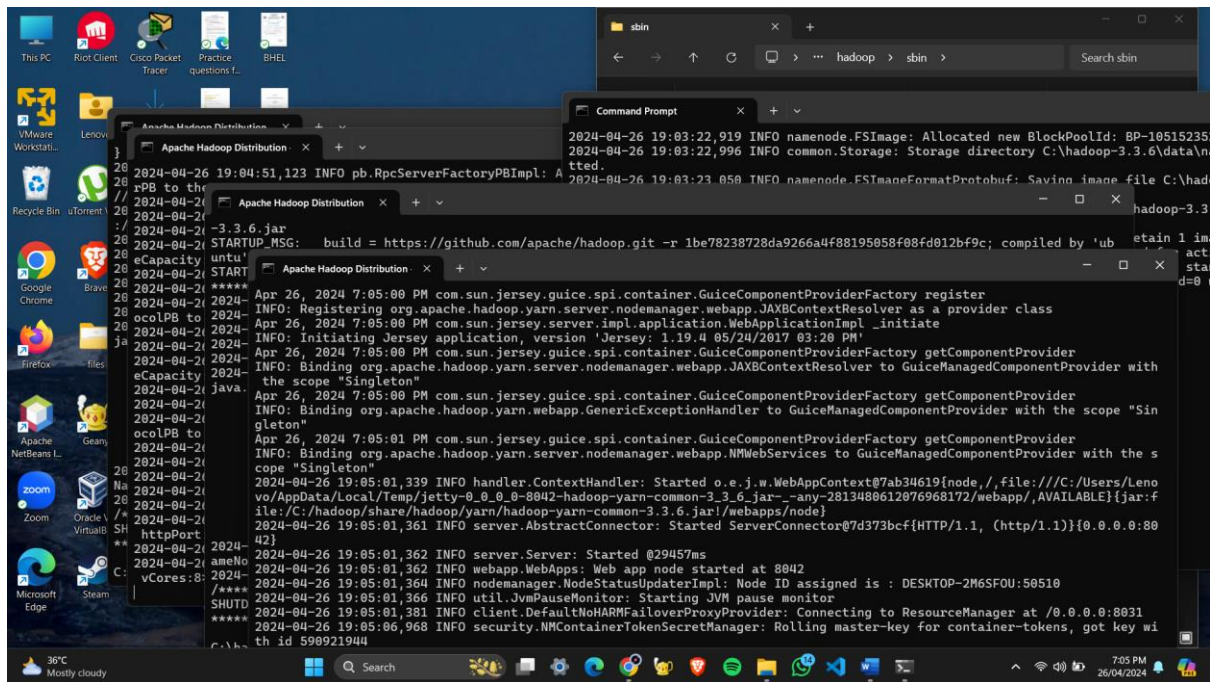
C:\hadoop\sbin>start-dfs.cmd

C:\hadoop\sbin>start-hdfs.cmd
'start-hdfs.cmd' is not recognized as an internal or external command,
operable program or batch file.

C:\hadoop\sbin>start-dfs.cmd

C:\hadoop\sbin>
```





Now starting Yarn

```
Command Prompt

C:\hadoop>cd sbin

C:\hadoop\sbin>start-dfs.cmd

C:\hadoop\sbin>start-hdfs.cmd
'start-hdfs.cmd' is not recognized as an internal or external command,
operable program or batch file.

C:\hadoop\sbin>start-dfs.cmd

C:\hadoop\sbin>jps
8280 Jps

C:\hadoop\sbin>start-yarn.cmd
starting yarn daemons

C:\hadoop\sbin>start-yarn.cmd
starting yarn daemons

C:\hadoop\sbin>D|
```

```
Apache Hadoop Distribution

Apr 22, 2024 9:54:02 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory regist
INFO: Registering org.apache.hadoop.yarn.server.nodemanager.webapp.JAXBContextResolver as a pr
Apr 22, 2024 9:54:02 PM com.sun.jersey.server.impl.application.WebApplicationImpl _initiate
INFO: Initiating Jersey application, version 'Jersey: 1.19.4 05/24/2017 03:20 PM'
Apr 22, 2024 9:54:02 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getCo
INFO: Binding org.apache.hadoop.yarn.server.nodemanager.webapp.JAXBContextResolver to GuiceMan
the scope "Singleton"
Apr 22, 2024 9:54:02 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getCo
INFO: Binding org.apache.hadoop.yarn.webapp.GenericExceptionHandler to GuiceManagedComponentPr
gleton"
Apr 22, 2024 9:54:03 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getCo
INFO: Binding org.apache.hadoop.yarn.server.nodemanager.webapp.NMWebServices to GuiceManagedCo
cope "Singleton"
2024-04-22 21:54:03,246 INFO handler.ContextHandler: Started o.e.j.w.WebAppContext@524270b8{no
vo/AppData/Local/Temp/jetty-0_0_0-8042-hadoop-yarn-common-3_3_6_jar-_-any-250824430113293126
ile:/C:/hadoop/share/hadoop/yarn/hadoop-yarn-common-3.3.6.jar!/webapps/node}
2024-04-22 21:54:03,262 INFO server.AbstractConnector: Started ServerConnector@76b74e9c{HTTP/1
42}
2024-04-22 21:54:03,262 INFO server.Server: Started @9329ms
2024-04-22 21:54:03,262 INFO webapp.WebApps: Web app node started at 8042
2024-04-22 21:54:03,262 INFO nodemanager.NodeStatusUpdaterImpl: Node ID assigned is : DESKTOP-
2024-04-22 21:54:03,262 INFO util.JvmPauseMonitor: Starting JVM pause monitor
2024-04-22 21:54:03,277 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to Resource
2024-04-22 21:54:03,715 INFO security.NMContainerTokenSecretManager: Rolling master-key for co
th id -1049410400
2024-04-22 21:54:03,730 INFO security.NMTokenSecretManagerInNM: Rolling master-key for contain
1219976203
2024-04-22 21:54:03,730 INFO nodemanager.NodeStatusUpdaterImpl: Registered with ResourceManage
with total resource of <memory:8192, vCores:8>
```

```
Apache Hadoop Distribution
2024-04-22 21:53:54,452 INFO resourcemanager.ResourceManager: STARTUP_MSG:
/*****
STARTUP_MSG: Starting ResourceManager
STARTUP_MSG: host = DESKTOP-2M6SFOU/192.168.56.1
STARTUP_MSG: args = []
STARTUP_MSG: version = 3.3.6
STARTUP_MSG: classpath = C:\hadoop\etc\hadoop;C:\hadoop\etc\hadoop;C:\hadoop\etc\hadoop;C:\hadoop\share\hadoop\common;C:\hadoop\share\hadoop\common\lib\animal-sniffer-annotations-1.17.jar;C:\hadoop\share\hadoop\common\lib\audience-annotations-0.5.0.jar;C:\hadoop\share\hadoop\common\lib\avro-1.7.7.jar;C:\hadoop\share\hadoop\common\lib\checker-qual-2.5.2.jar;C:\hadoop\share\hadoop\common\lib\commons-beanutils-1.9.4.jar;C:\hadoop\share\hadoop\common\lib\commons-cli-1.2.jar;C:\hadoop\share\hadoop\common\lib\commons-codec-1.15.jar;C:\hadoop\share\hadoop\common\lib\commons-collections-3.2.2.jar;C:\hadoop\share\hadoop\common\lib\commons-compress-1.21.jar;C:\hadoop\share\hadoop\common\lib\commons-configuration2-2.8.0.jar;C:\hadoop\share\hadoop\common\lib\commons-daemon-1.0.13.jar;C:\hadoop\share\hadoop\common\lib\commons-io-2.8.0.jar;C:\hadoop\share\hadoop\common\lib\commons-lang3-3.12.0.jar;C:\hadoop\share\hadoop\common\lib\commons-logging-1.1.3.jar;C:\hadoop\share\hadoop\common\lib\commons-math3-3.1.1.jar;C:\hadoop\share\hadoop\common\lib\commons-net-3.9.0.jar;C:\hadoop\share\hadoop\common\lib\commons-text-1.10.0.jar;C:\hadoop\share\hadoop\common\lib\curator-client-5.2.0.jar;C:\hadoop\share\hadoop\common\lib\curator-framework-5.2.0.jar;C:\hadoop\share\hadoop\common\lib\curator-recipes-5.2.0.jar;C:\hadoop\share\hadoop\common\lib\dnsjava-2.1.7.jar;C:\hadoop\share\hadoop\common\lib\failureaccess-1.0.jar;C:\hadoop\share\hadoop\common\lib\gson-2.9.0.jar;C:\hadoop\share\hadoop\common\lib\guava-27.0-jre.jar;C:\hadoop\share\hadoop\common\lib\hadoop-annotations-3.3.6.jar;C:\hadoop\share\hadoop\common\lib\hadoop-auth-3.3.6.jar;C:\hadoop\share\hadoop\common\lib\hadoop-shaded-guava-1.1.1.jar;C:\hadoop\share\hadoop\common\lib\hadoop-shaded-protobuf-3.7-1.1.1.jar;C:\hadoop\share\hadoop\common\lib\httpclient-4.5.13.jar;C:\hadoop\share\hadoop\common\lib\httpcore-4.4.13.jar;C:\hadoop\share\hadoop\common\lib\j2objc-annotations-1.1.jar;C:\hadoop\share\hadoop\common\lib\jackson-annotations-2.12.7.jar;C:\hadoop\share\hadoop\common\lib\jackson-core-2.12.7.jar;C:\hadoop\share\hadoop\common\lib\jackson-core-asl-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\jackson-databind-2.12.7.1.jar;C:\hadoop\share\hadoop\common\lib\jackson-mapper-asl-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\jakarta.activation-api-1.2.1.jar;C:\hadoop\share\hadoop\common\lib\javax.servlet-api-3.1.0.jar;C:\hadoop\share\hadoop\common\lib\jaxb-api-2.2.11.jar;C:\hadoop\share\hadoop\common\lib\jaxb-impl-2.2.3-1.jar;C:\hadoop\share\hadoop\common\lib\jcip-annotations-1.0-1.jar;C:\hadoop\share\hadoop\common\lib\jersey-core-1.19.4.jar;C:\hadoop\share\hadoop\common\lib\jersey-j
```

```
Command Prompt
C:\hadoop\sbin>start-hdfs.cmd
'start-hdfs.cmd' is not recognized as an internal or external command,
operable program or batch file.

C:\hadoop\sbin>start-dfs.cmd

C:\hadoop\sbin>jps
8280 Jps

C:\hadoop\sbin>start-yarn.cmd
starting yarn daemons

C:\hadoop\sbin>start-yarn.cmd
starting yarn daemons

C:\hadoop\sbin>jps
22144 Jps
18164 NodeManager
15660 ResourceManager

C:\hadoop\sbin>
```



## To check the Hadoop is running

The screenshot shows the Hadoop Distributed File System (HDFS) Explorer interface. The browser address bar shows `localhost:9870/explorer.html#/`. The interface has a green header bar with the following navigation links: **Hadoop**, Overview, Datanodes, Datanode Volume Failures, Snapshot, Startup Progress, and Utilities. The main content area is titled "Browse Directory" and features a search bar with the root directory `/` entered. Below the search bar, there is a "Show" dropdown set to "25" and a "Search:" input field. A table with columns `Permission`, `Owner`, `Group`, `Size`, `Last Modified`, `Replication`, `Block Size`, and `Name` is displayed, but it contains no data. The status bar at the bottom indicates "Showing 0 to 0 of 0 entries" and "Hadoop, 2022."

The screenshot shows the Hadoop Distributed File System (HDFS) Explorer interface at `localhost:8088/cluster`. The browser address bar shows `localhost:8088/cluster`. The interface has a green header bar with the following navigation links: **Hadoop**, Overview, Datanodes, Datanode Volume Failures, Snapshot, Startup Progress, and Utilities. The main content area is titled "All Applications" and features a search bar with the root directory `/` entered. Below the search bar, there is a "Show" dropdown set to "20" and a "Search:" input field. A table with columns `ID`, `User`, `Name`, `Application Type`, `Application Tags`, `Queue`, `Application Priority`, `StartTime`, `LaunchTime`, `FinishTime`, `State`, `FinalStatus`, `Running Containers`, and `Allocated CPU VCore` is displayed, but it contains no data. The status bar at the bottom indicates "Showing 0 to 0 of 0 entries".

Apache Download Mirrors WinRAR download free and s... hadoop3\_xfixedbin.rar - Goo... msxcr120.dll free download | ... RUNNING Applications

localhost:8088/cluster/apps/RUNNING

**hadoop** **RUNNING Applications**

Cluster

- About
- Nodes
- Node Labels
- Applications
- NEW
- NEW SAVING
- SUBMITTED
- ACCEPTED
- RUNNING
- FINISHED
- FAILED
- KILLED
- Scheduler

Tools

Cluster Metrics

Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Used Resources	Total Resources
0	0	0	0	0	<memory 0 B, vCores 0>	<memory 0 B, vCores 0>

Cluster Nodes Metrics

Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes
0	0	0	1

Scheduler Metrics

Scheduler Type	Scheduling Resource Type	Minimum Allocation	Maximum Allocation
Capacity Scheduler	[memory.mb (unit-M), vcores]	<memory 1024, vCores 1>	<memory 8192, vCores 4>

Show 20 entries

ID	User	Name	Application Type	Application Tags	Queue	Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU Vcores	Allocated Memory MB
No data available in table														

Showing 0 to 0 of 0 entries

```

18164 NodeManager
15660 ResourceManager

C:\hadoop\sbin>localhost:9870
The filename, directory name, or volume label syntax is incorrect.

C:\hadoop\sbin>stop-all.cmd
This script is Deprecated. Instead use stop-dfs.cmd and stop-yarn.cmd

INFO: No tasks running with the specified criteria.

INFO: No tasks running with the specified criteria.
stopping yarn daemons

INFO: No tasks running with the specified criteria.

INFO: No tasks running with the specified criteria.

INFO: No tasks running with the specified criteria.

C:\hadoop\sbin>

```