

INTRODUCTION TO BIG DATA

ECAP456

Dr. Rajni Bhalla
Associate Professor

Learning Outcomes



After this lecture, you will be able to

- Learn how to install Java
- Learn how to install Hadoop

Prerequisites to install Hadoop



Prerequisites to install Hadoop



Steps to install Java


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Java 17 available now

Java 17 LTS is the latest long-term support release for the Java SE platform. JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions](#).

JDK 17 will receive updates under these terms, until at least September 2024.

Learn about Java SE Subscription

Java SE Development Kit 17.0.1 downloads



Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS Windows

| Product/file description | File size | Download |
|---------------------------|-----------|--|
| Arm 64 Compressed Archive | 171.13 MB | https://download.oracle.com/java/17/latest/jdk-17_linux-aarch64_bin.tar.gz (sha256 [link]) |

Steps to Install Java


| Linux | macOS | Solaris | Windows |
|--------------------------|-------|-----------|--|
| Product/file description | | File size | Download |
| x86 Installer | | 157.37 MB |  jdk-8u311-windows-i586.exe |
| x64 Installer | | 170.57 MB |  jdk-8u311-windows-x64.exe |

Steps to Install Java

You must accept the [Oracle Technology Network License Agreement for Oracle Java SE](#) to download this software.

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Required


You will be redirected to the login screen in order to download the file.

Download `jdk-8u311-windows-x64.exe` 


Steps to Install Java

Oracle account sign in

Username



Password



Sign in

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Create Account

Steps to Install Java



jdk-8u311-window....exe

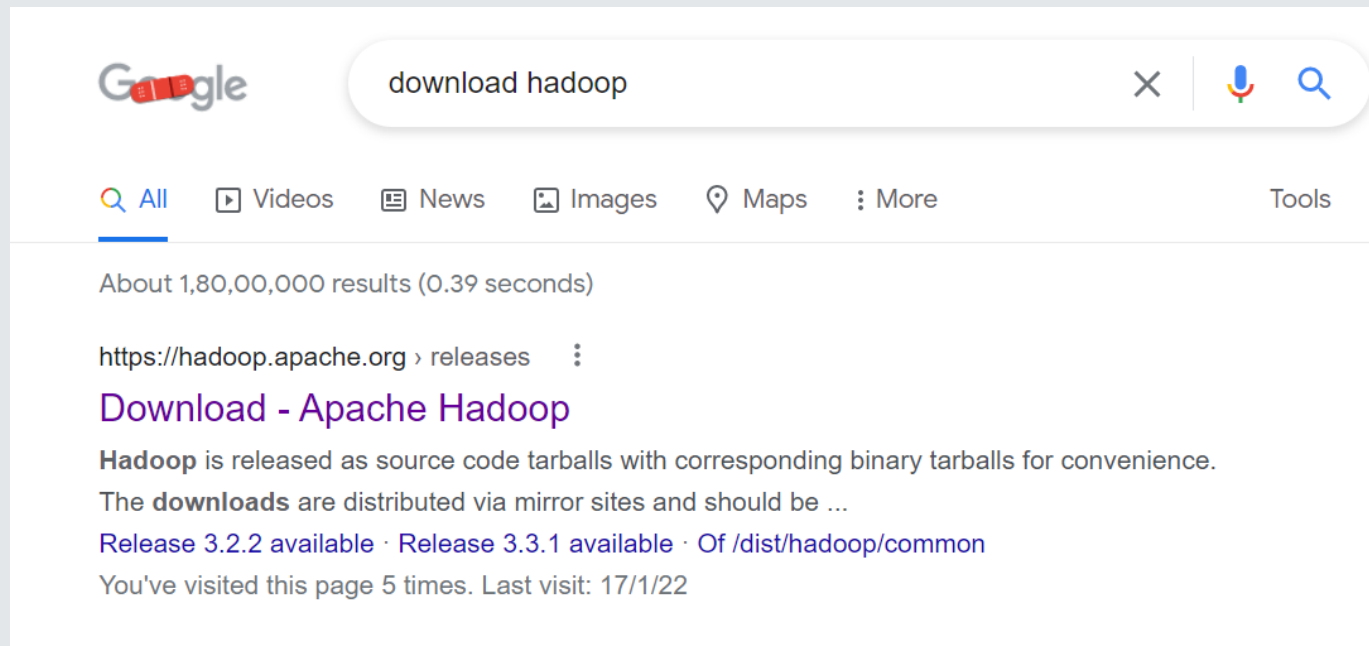


48.5/171 MB, 56 secs left



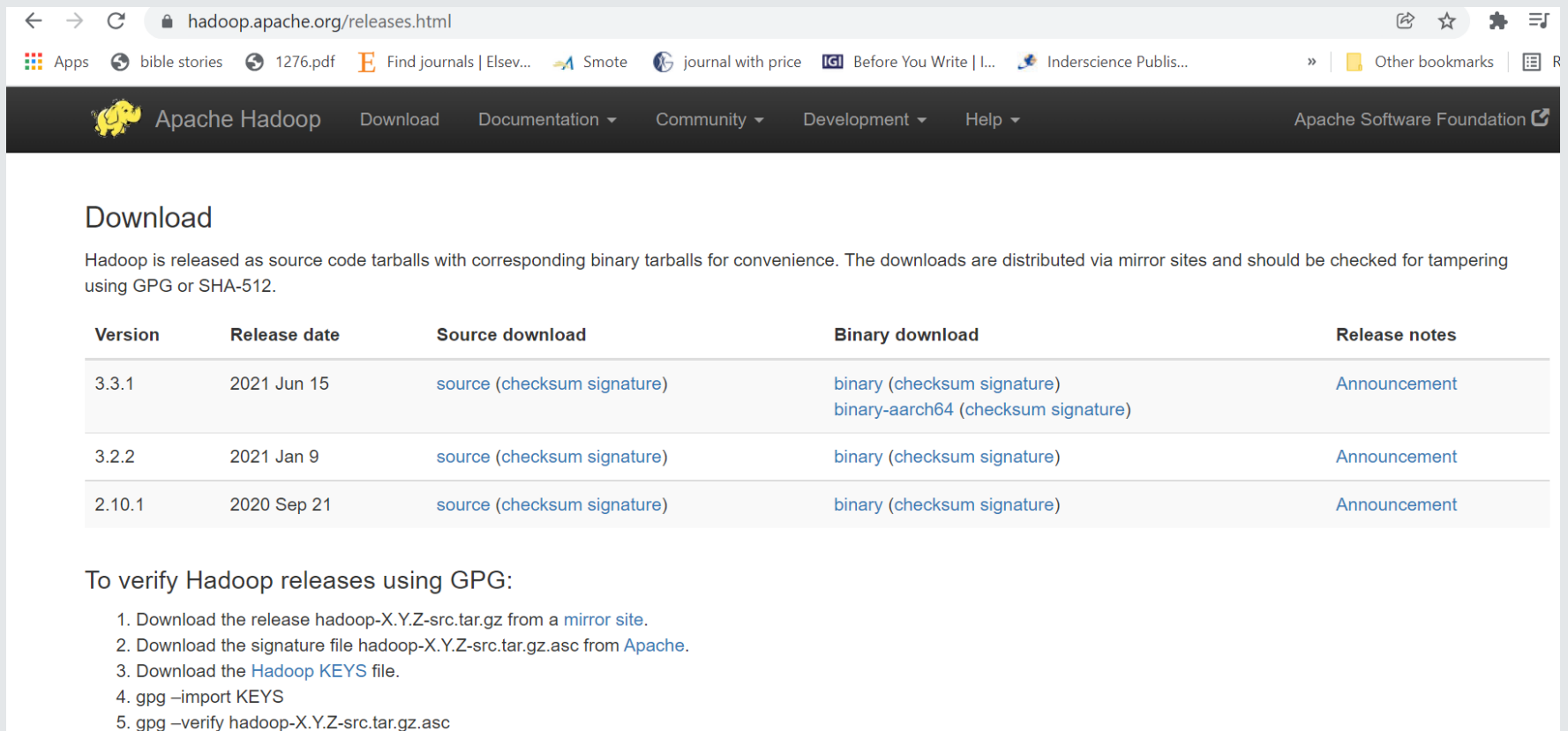
jdk-8u311-window....exe

Steps to install hadoop



<https://hadoop.apache.org> ›

Steps to install hadoop



The screenshot shows the Apache Hadoop releases page in a web browser. The browser's address bar displays 'hadoop.apache.org/releases.html'. The page features a dark navigation bar with the Apache Hadoop logo and links for Download, Documentation, Community, Development, and Help. The main content area is titled 'Download' and explains that Hadoop is released as source code tarballs with corresponding binary tarballs. It includes a table with columns for Version, Release date, Source download, Binary download, and Release notes. Below the table, instructions are provided for verifying Hadoop releases using GPG.

Download

Hadoop is released as source code tarballs with corresponding binary tarballs for convenience. The downloads are distributed via mirror sites and should be checked for tampering using GPG or SHA-512.

| Version | Release date | Source download | Binary download | Release notes |
|---------|--------------|---|--|------------------------------|
| 3.3.1 | 2021 Jun 15 | source (checksum signature) | binary (checksum signature) binary-aarch64 (checksum signature) | Announcement |
| 3.2.2 | 2021 Jan 9 | source (checksum signature) | binary (checksum signature) | Announcement |
| 2.10.1 | 2020 Sep 21 | source (checksum signature) | binary (checksum signature) | Announcement |

To verify Hadoop releases using GPG:

1. Download the release `hadoop-X.Y.Z-src.tar.gz` from a [mirror site](#).
2. Download the signature file `hadoop-X.Y.Z-src.tar.gz.asc` from [Apache](#).
3. Download the [Hadoop KEYS](#) file.
4. `gpg --import KEYS`
5. `gpg --verify hadoop-X.Y.Z-src.tar.gz.asc`

Steps to install hadoop



Download

Hadoop is released as source code tarballs with corresponding binary tarballs for convenience. The downloads are distributed via mirror sites and should be checked for tampering using GPG or SHA-512.

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| ✓ 3.2.2 | 2021 Jan 9 | source (checksum signature) | binary (checksum signature) | Announcement |
| 2.10.1 | 2020 Sep 21 | source (checksum signature) | binary (checksum signature) | Announcement |

Steps to install hadoop

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We suggest the following site for your download:

<https://dlcdn.apache.org/hadoop/common/hadoop-3.2.2/hadoop-3.2.2.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-3.2.2/hadoop-3.2.2.tar.gz>

BACKUP SITE

<https://downloads.apache.org/hadoop/common/hadoop-3.2.2/hadoop-3.2.2.tar.gz>

Steps to install hadoop

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BACKUP SITE

<https://downloads.apache.org/hadoop/common/hadoop-3.2.2/hadoop-3.2.2.tar.gz>

Steps to install hadoop



hadoop-3.2.2 (1).tar.gz

11.6/377 MB, 3 mins left





hadoop-3.2.2 (1).tar.gz

215/377 MB, 1 min left



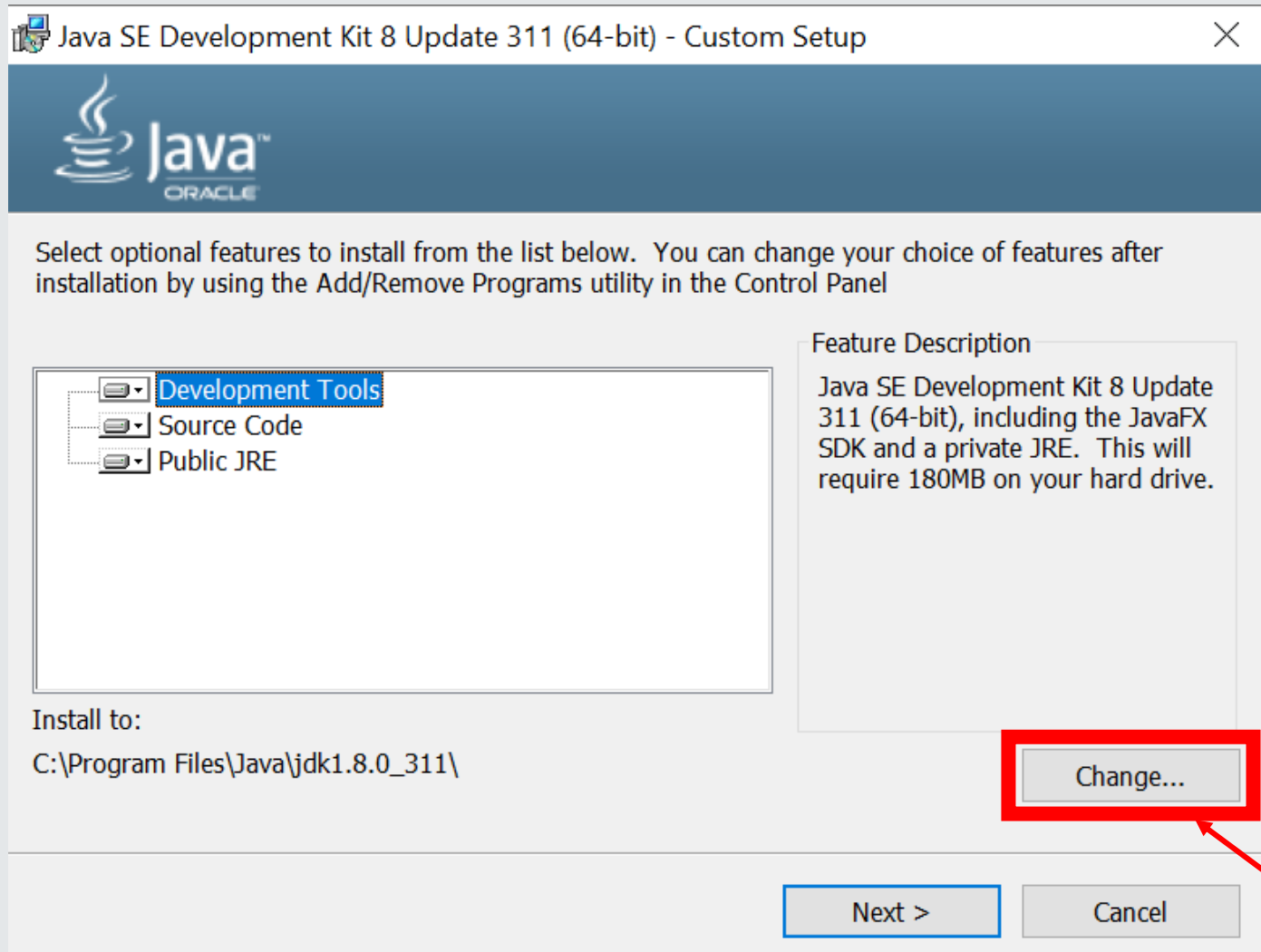
hadoop-3.2.2 (1).tar.gz

Steps to install hadoop

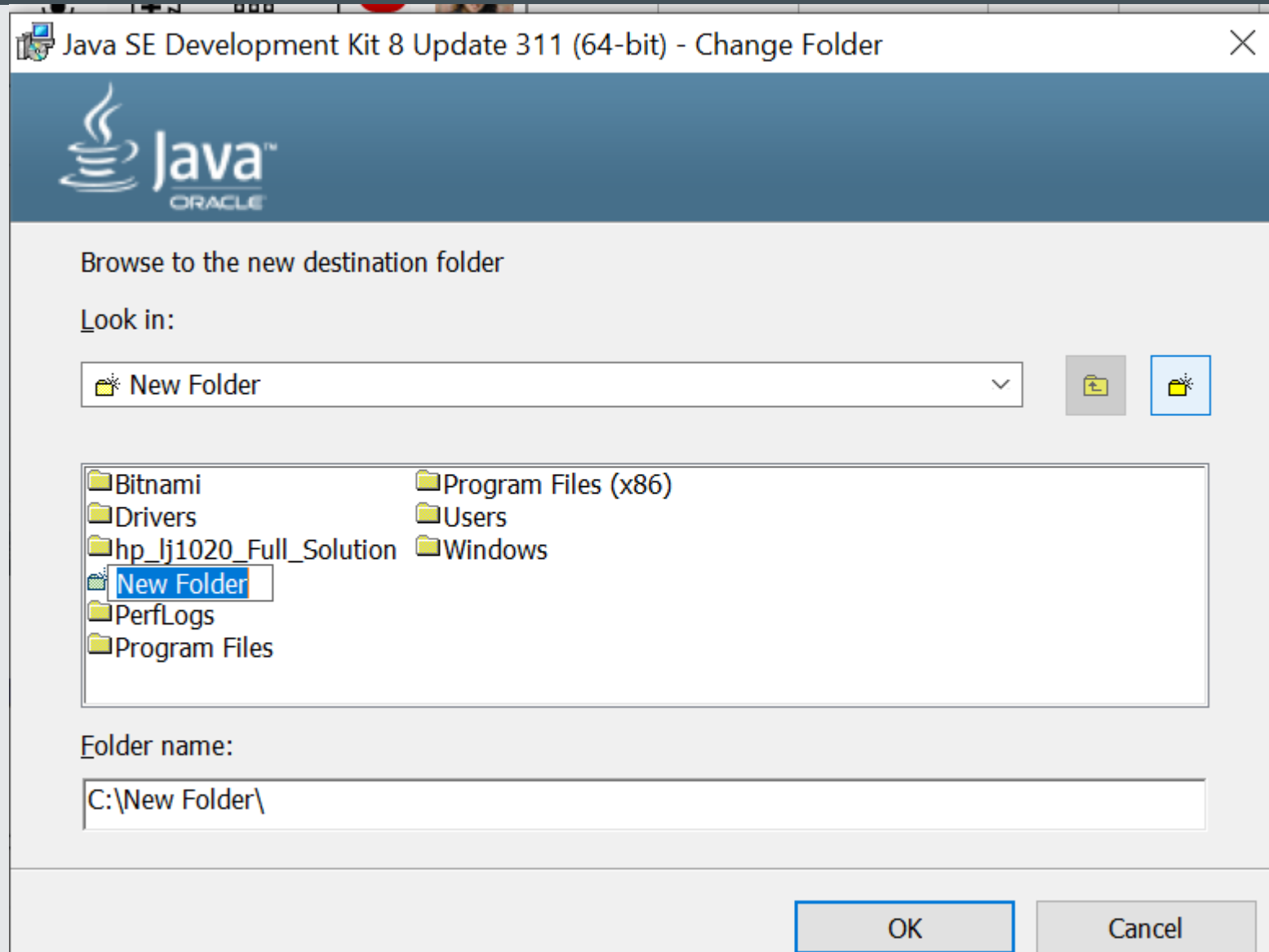
| Name | Date modified | Type | Size |
|---|------------------|-------------|-------------|
|  jdk-8u311-windows-x64 | 17-01-2022 13:07 | Application | 1,74,667 KB |
|  hadoop-3.2.2 (1).tar | 17-01-2022 13:52 | GZip File | 3,86,181 KB |

Installation of Java

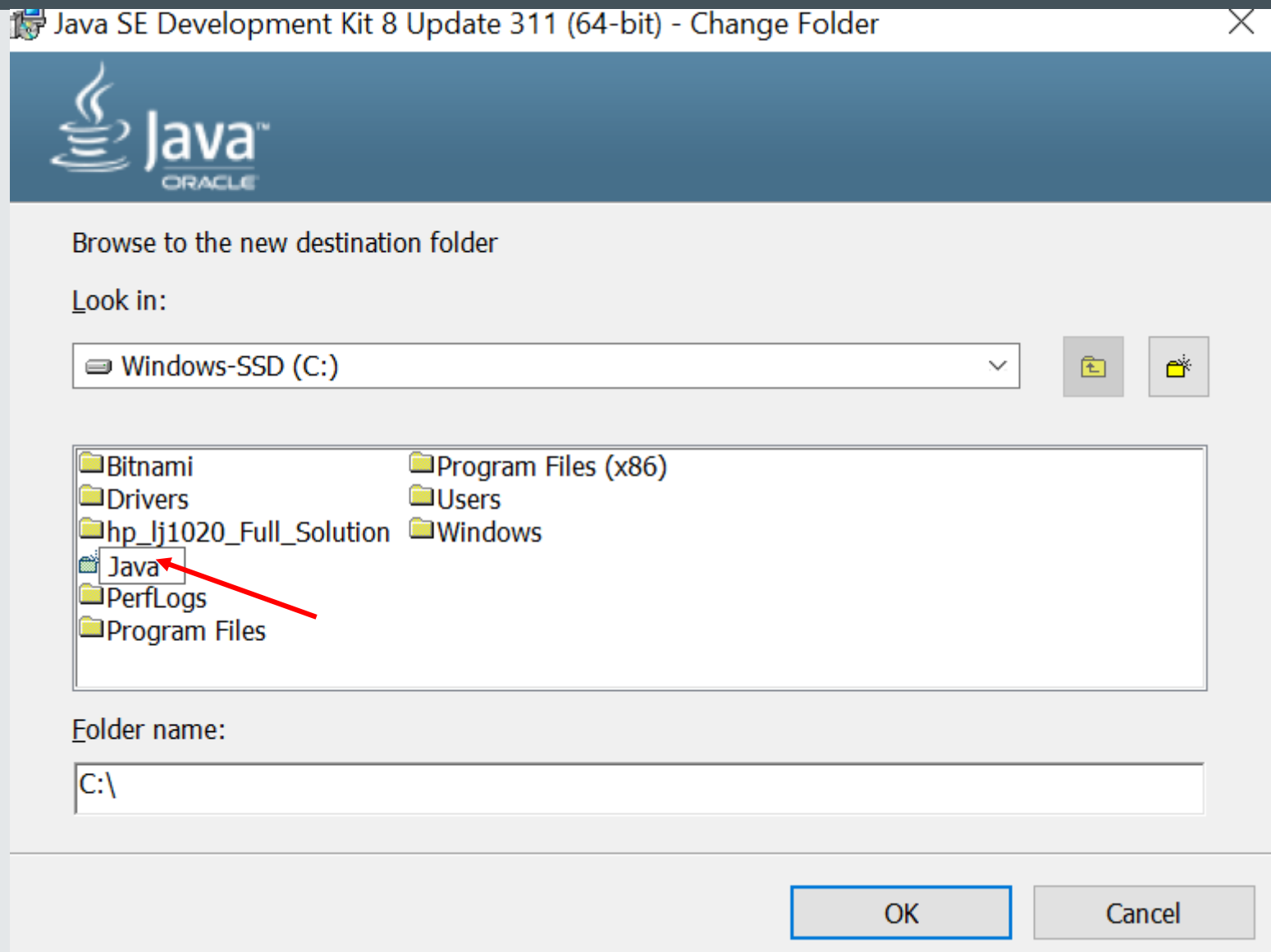
Installation of JAVA



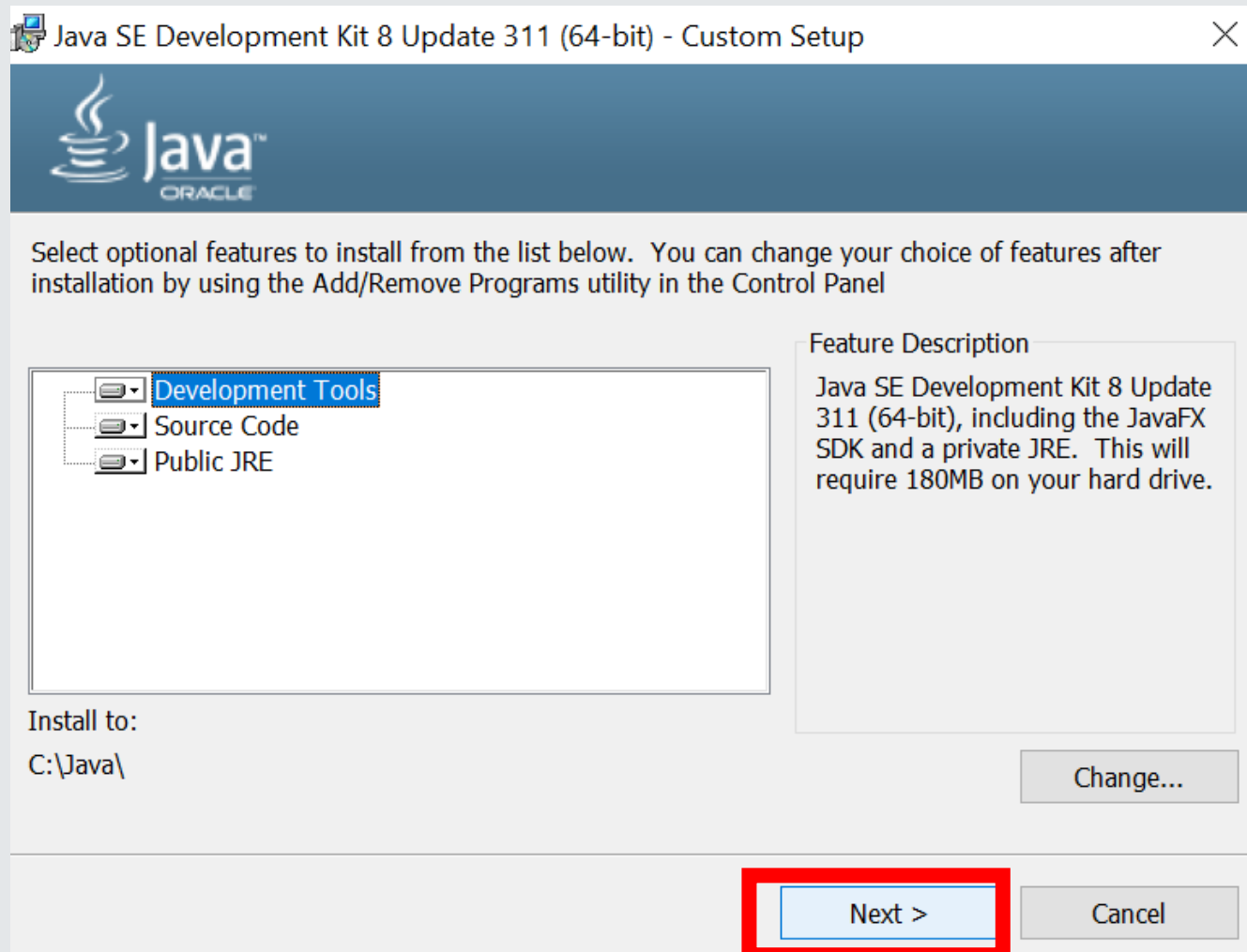
Installation of JAVA



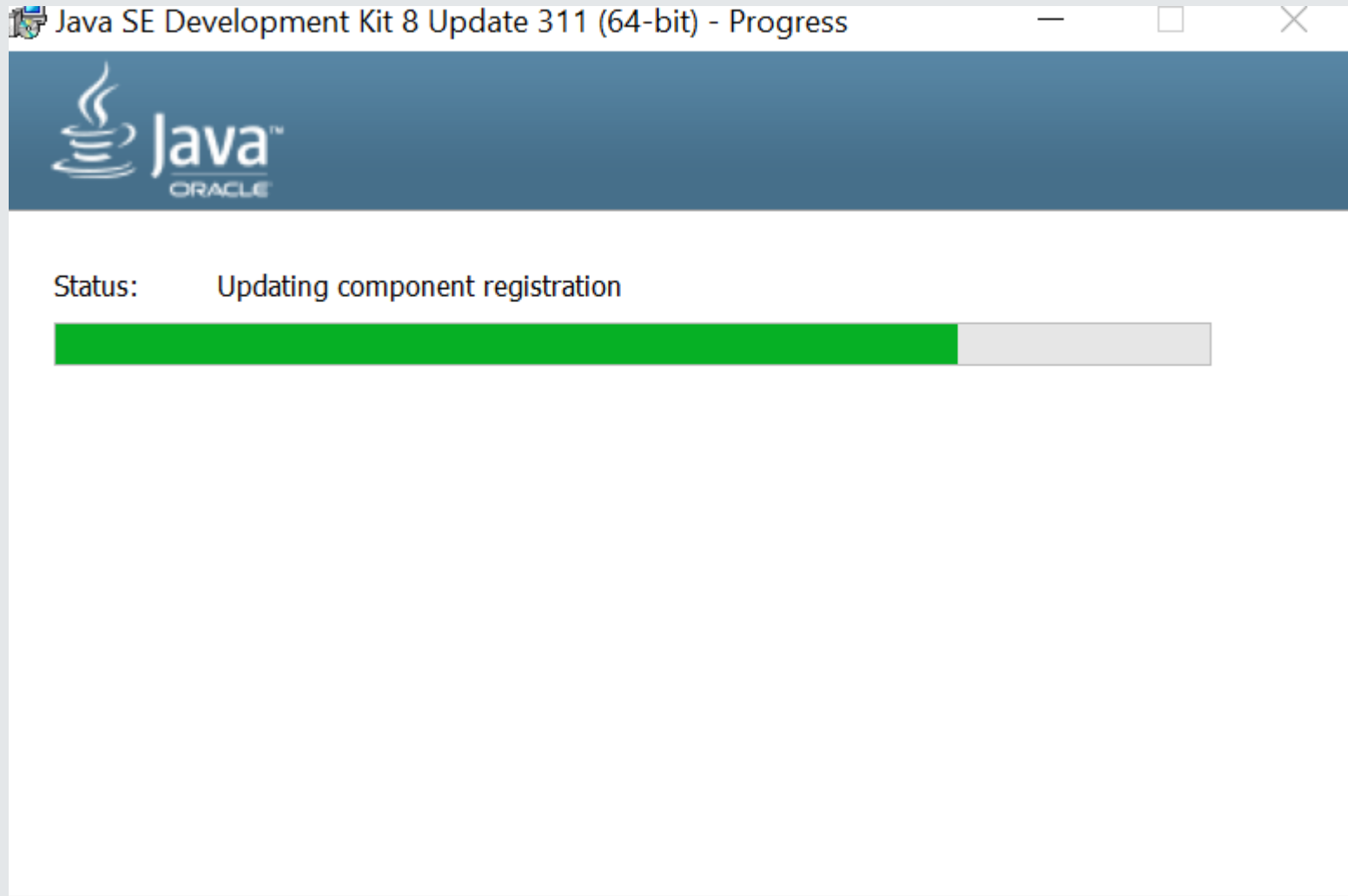
Installation of JAVA



Installation of JAVA



Installation of JAVA



Installation of JAVA



Installation of JAVA



Installation of JAVA

| » This PC » Windows-SSD (C:) » Program Files » | | | |
|--|------------------|-------------|--|
| Name | Date modified | Type | |
| 7-Zip | 20-09-2021 15:21 | File folder | |
| Adobe | 13-12-2021 12:14 | File folder | |
| Canon | 24-05-2021 18:39 | File folder | |
| Common Files | 23-12-2021 16:01 | File folder | |
| Google | 08-02-2021 15:11 | File folder | |
| HandBrake | 19-04-2021 10:06 | File folder | |
| HP | 15-09-2021 11:26 | File folder | |
| Intel | 08-04-2021 17:07 | File folder | |
| Internet Explorer | 21-09-2021 16:57 | File folder | |
| Java | 17-01-2022 15:54 | File folder | |
| Lenovo | 02-02-2021 20:49 | File folder | |
| Microsoft Office | 20-12-2021 08:55 | File folder | |
| Microsoft Office 15 | 22-08-2020 08:23 | File folder | |
| Microsoft Update Health Tools | 11-10-2021 09:35 | File folder | |

Installation of JAVA

PC > Windows-SSD (C:) > Program Files > Java

Name

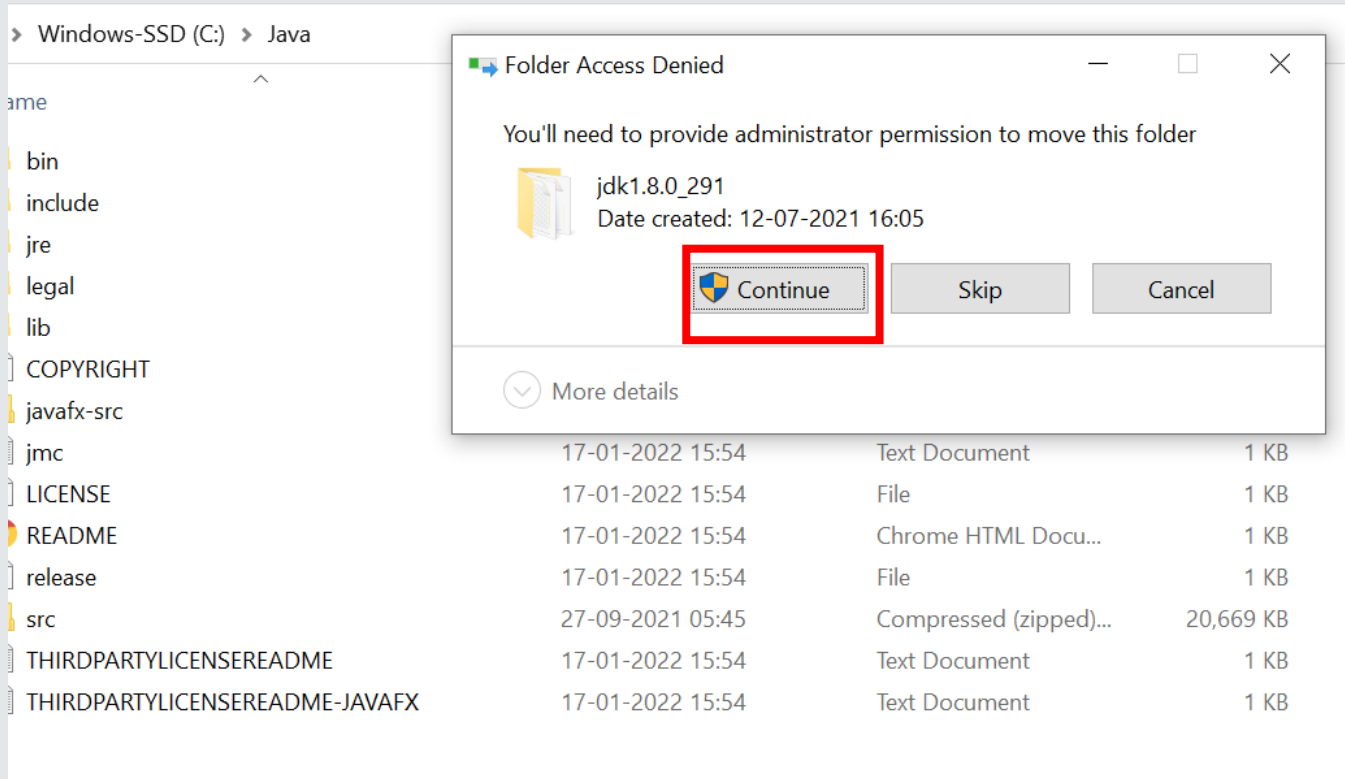
Date modified

Type

jdk1.8.0_291

12-07-2021 16:06

File folder



Installation of JAVA

My PC > Windows-SSD (C:) > Program Files >

Name

- 7-Zip
- Adobe
- Canon
- Common Files
- Google
- HandBrake
- HP
- Intel
- Internet Explorer
- Java

08-04-2021 17:07

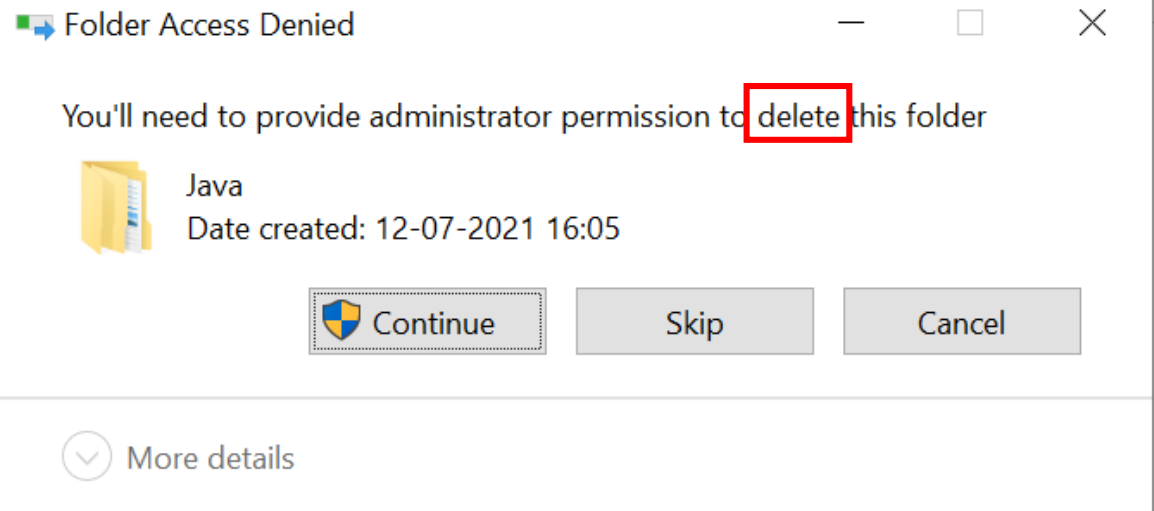
File folder

21-09-2021 16:57

File folder

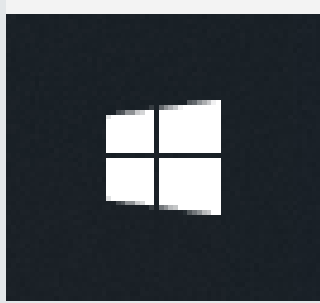
17-01-2022 16:47

File folder

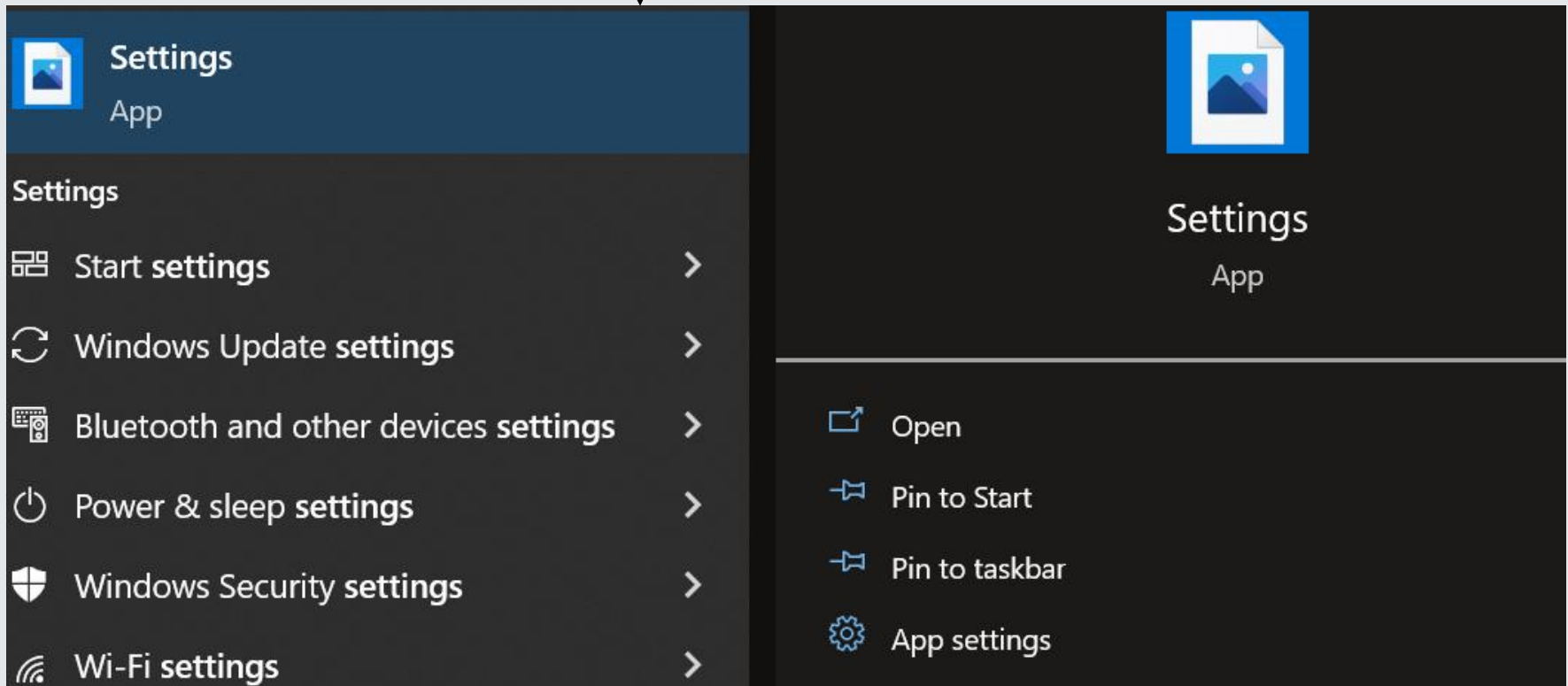


How to set environment variable for JAVA

Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



System

Display, sound, notifications,
power



Devices

Bluetooth, printers, mouse



Phone

Link your Android, iPhone

Set the Environment Variable for JAVA



System

Display, sound, notifications,
power



Devices

Bluetooth, printers, mouse



Phone

Link your Android, iPhone



Settings



Home

environ



Edit the system environment variables



Edit environment variables for your
account



Sound



Notifications & actions

Set the Environment Variable for JAVA



System

Display, sound, notifications,
power



Devices

Bluetooth, printers, mouse



Phone

Link your Android, iPhone



Settings



Home

environ



Edit the system environment variables



Edit environment variables for your
account

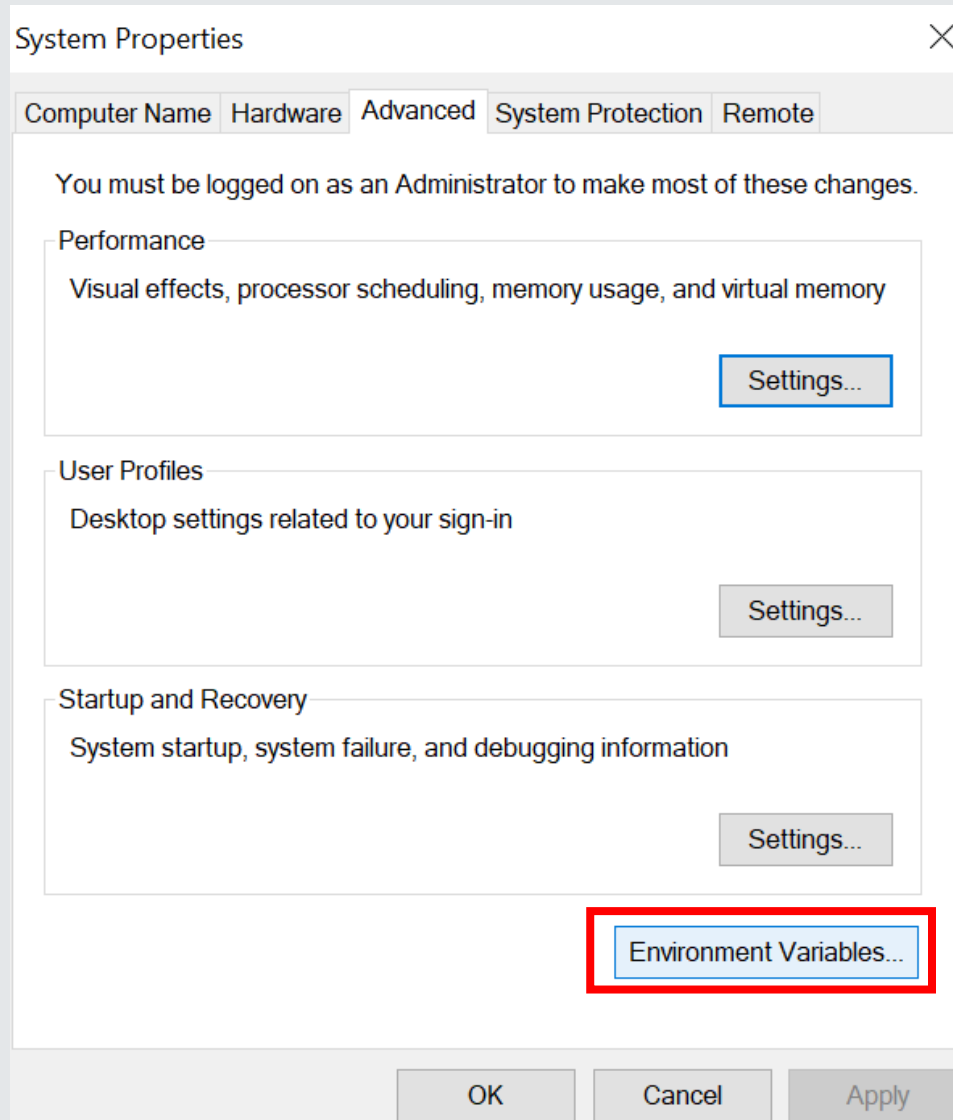


Sound

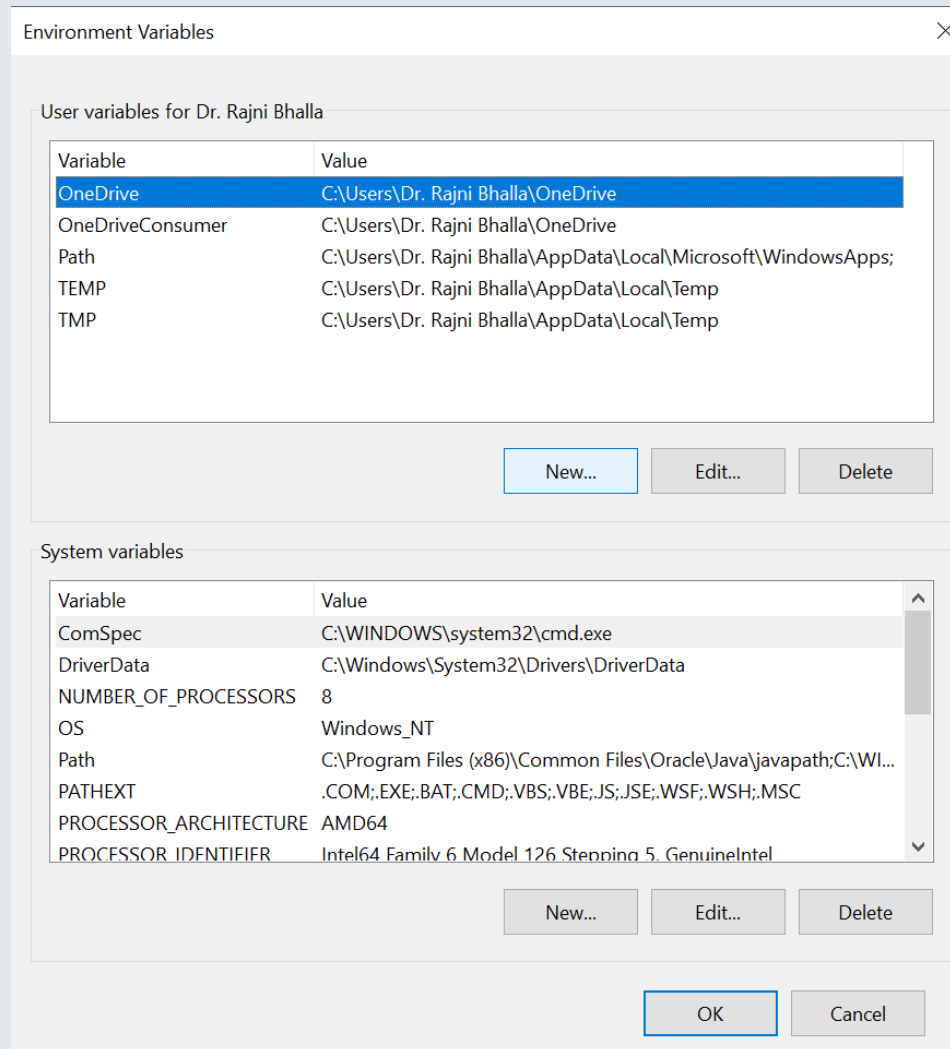


Notifications & actions

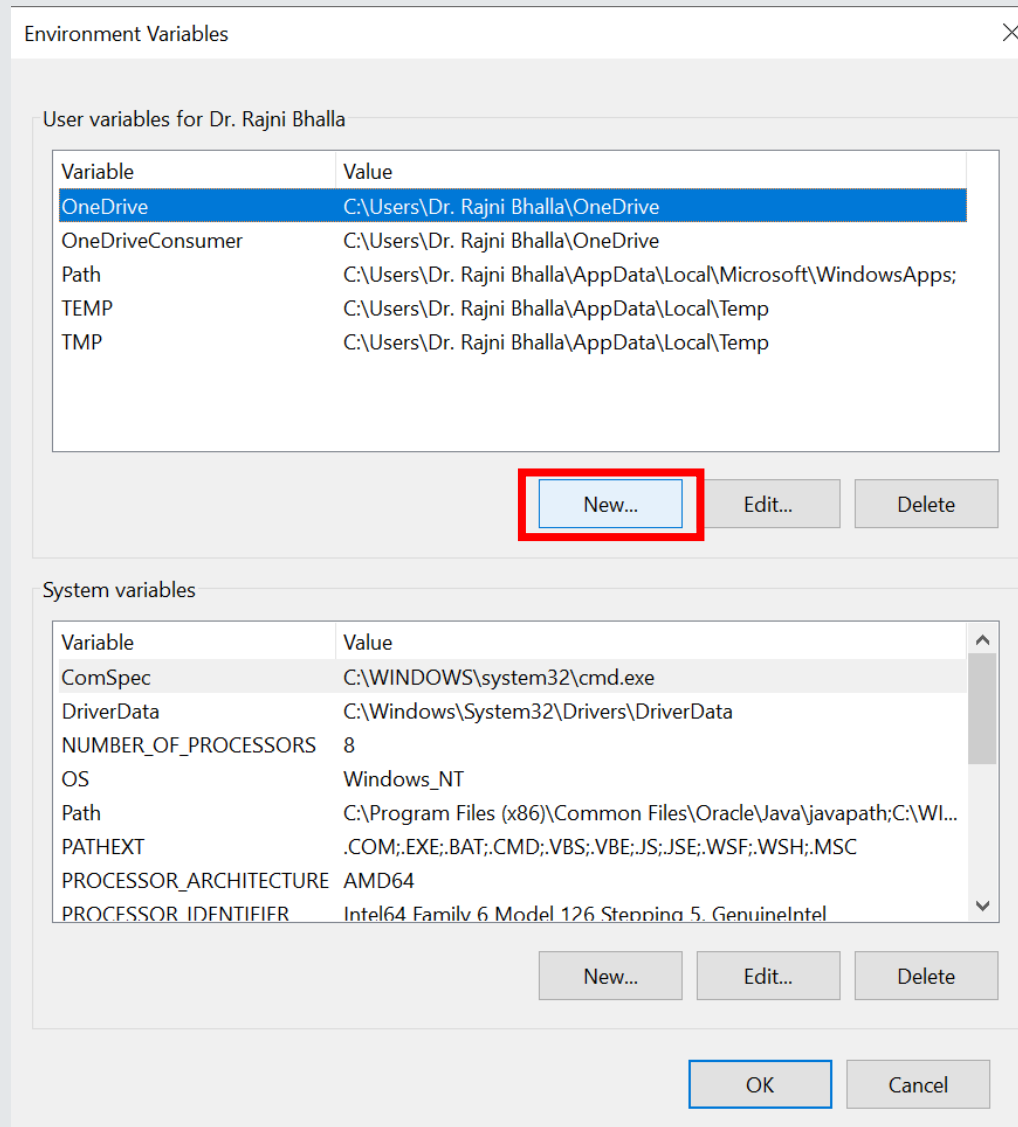
Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



Set the Environment Variable for JAVA

New User Variable ×

Variable name:

Variable value:

Set the Environment Variable for JAVA

New User Variable



Variable name:

JAVA_HOME

Variable value:

Browse Directory...

Browse File...

OK

Cancel

Edit User Variable



Variable name:

JAVA_HOME

Variable value:

C:\Java\jdk1.8.0_291

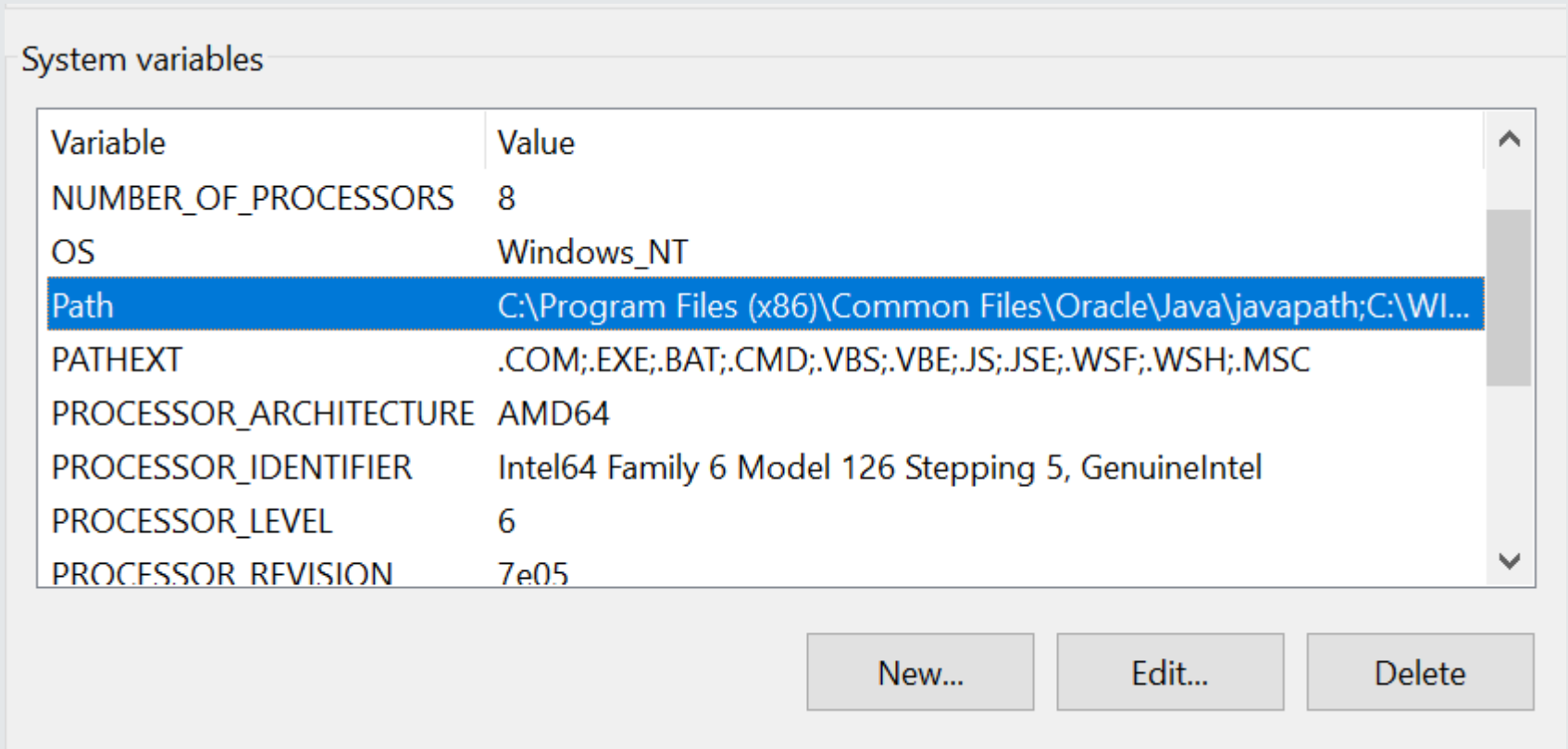
Browse Directory...

Browse File...

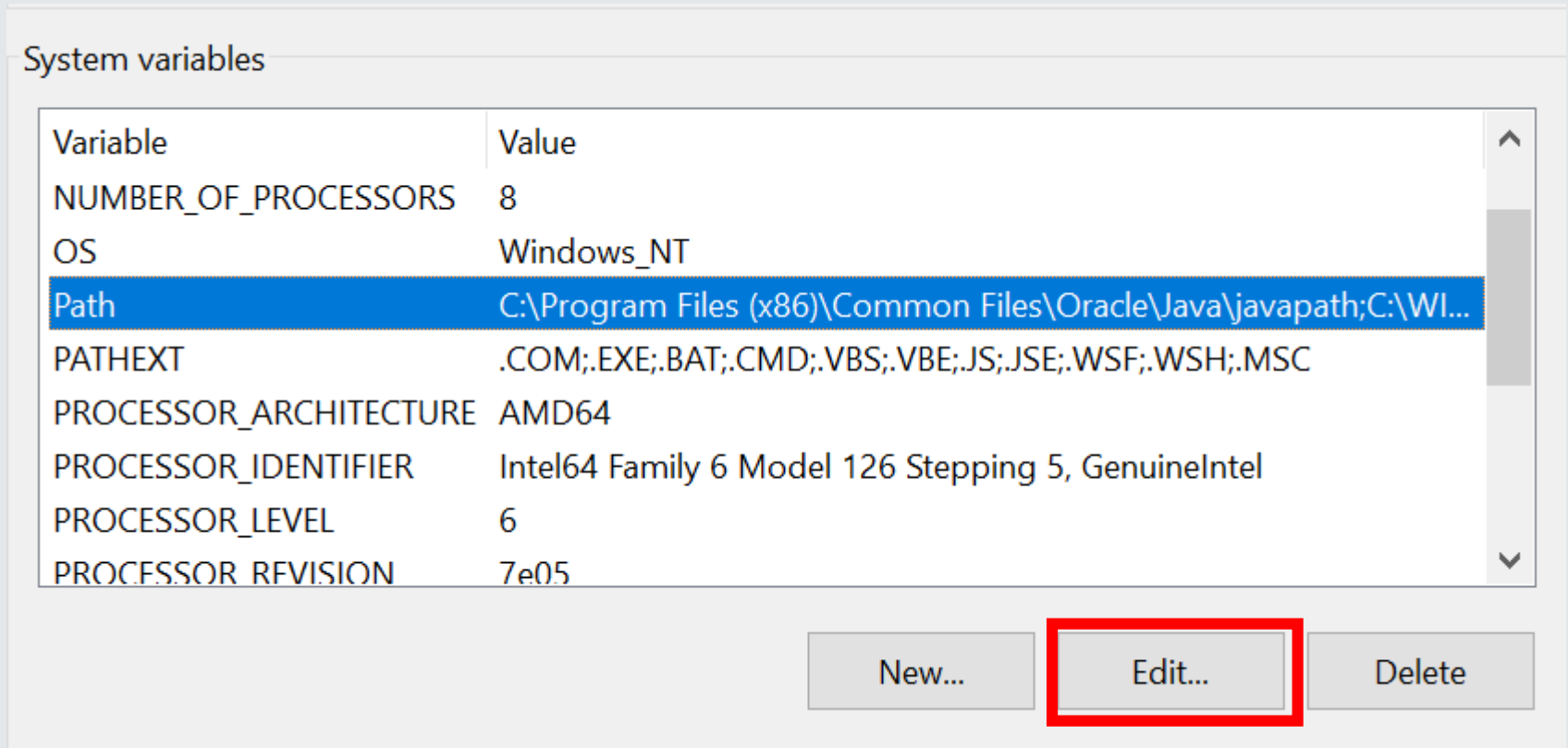
OK

Cancel

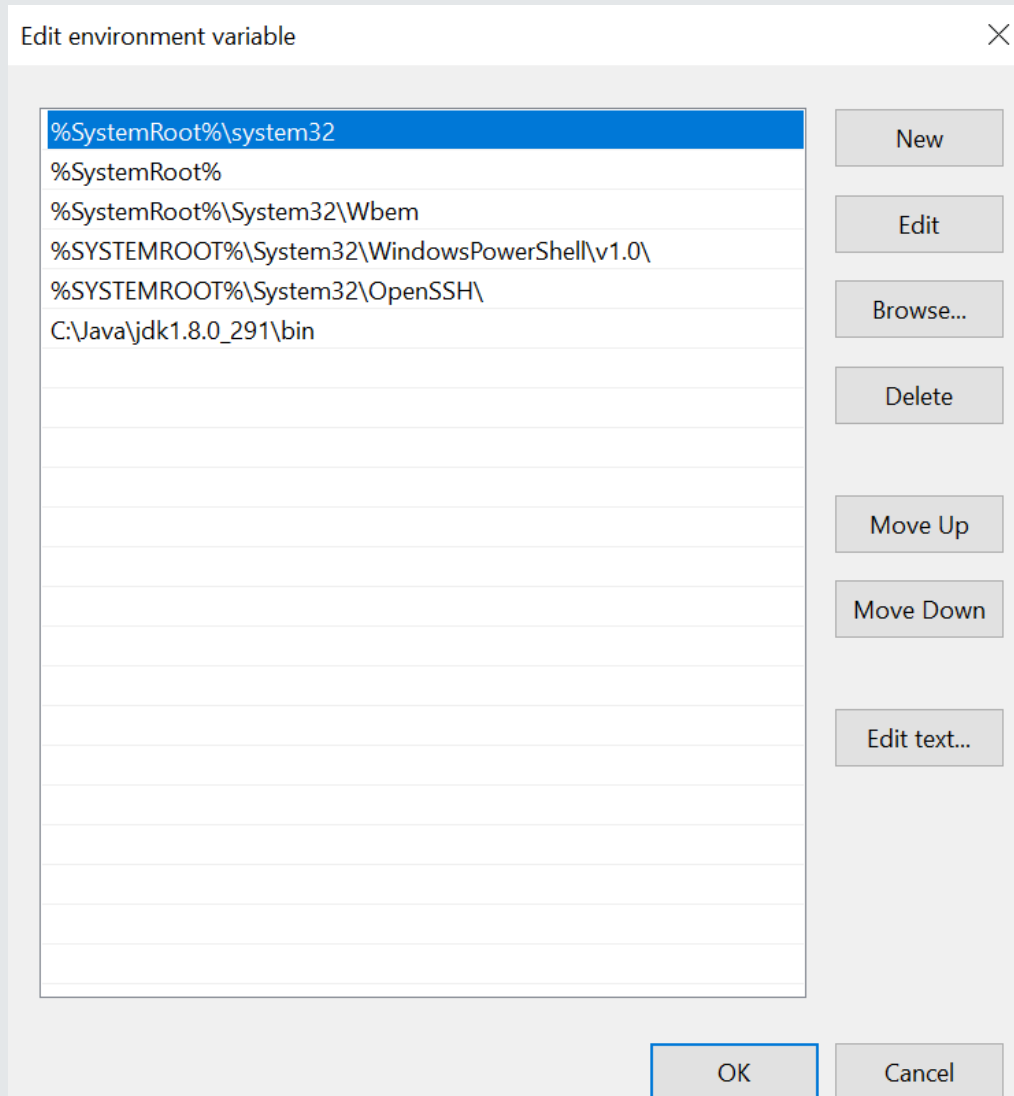
Set the Environment Variable for JAVA



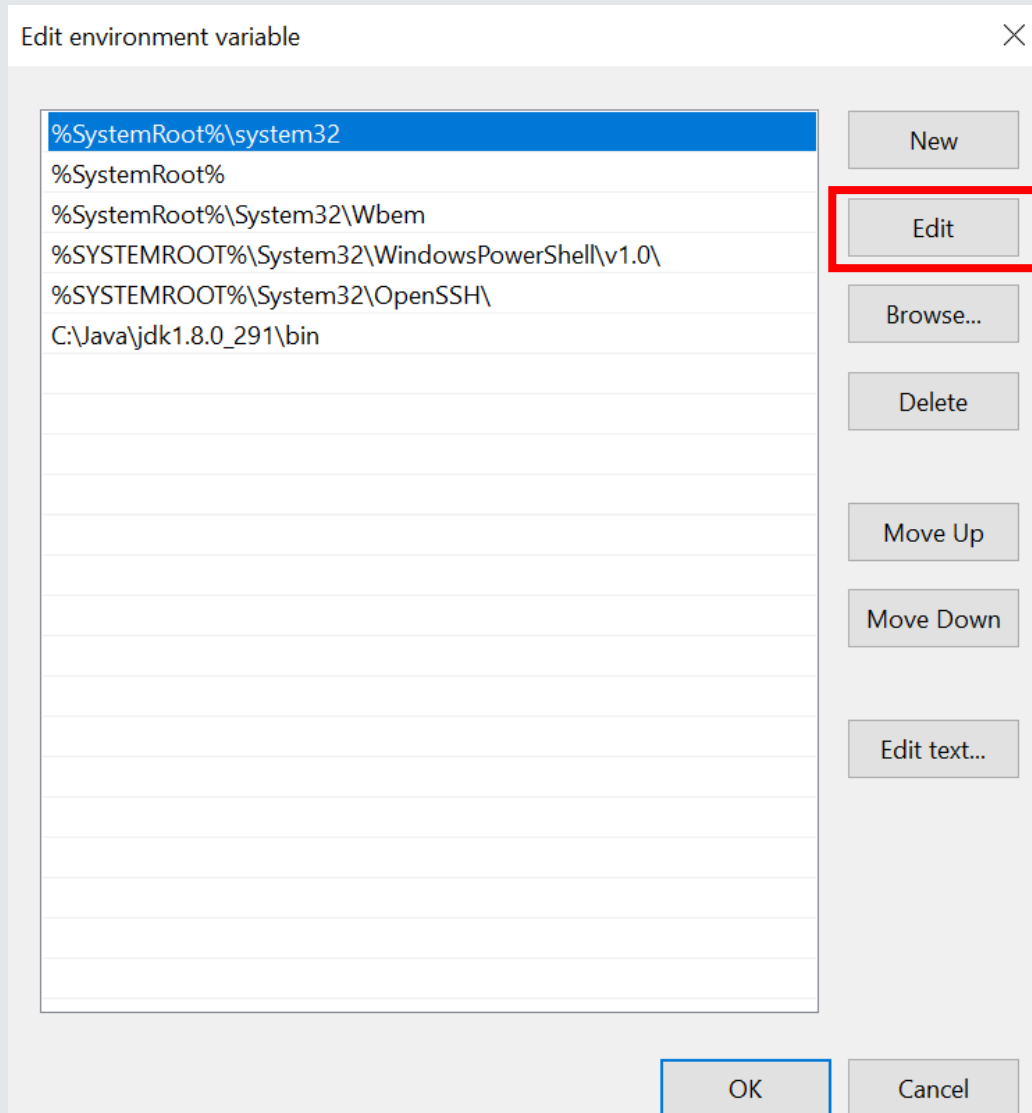
Set the Environment Variable for JAVA



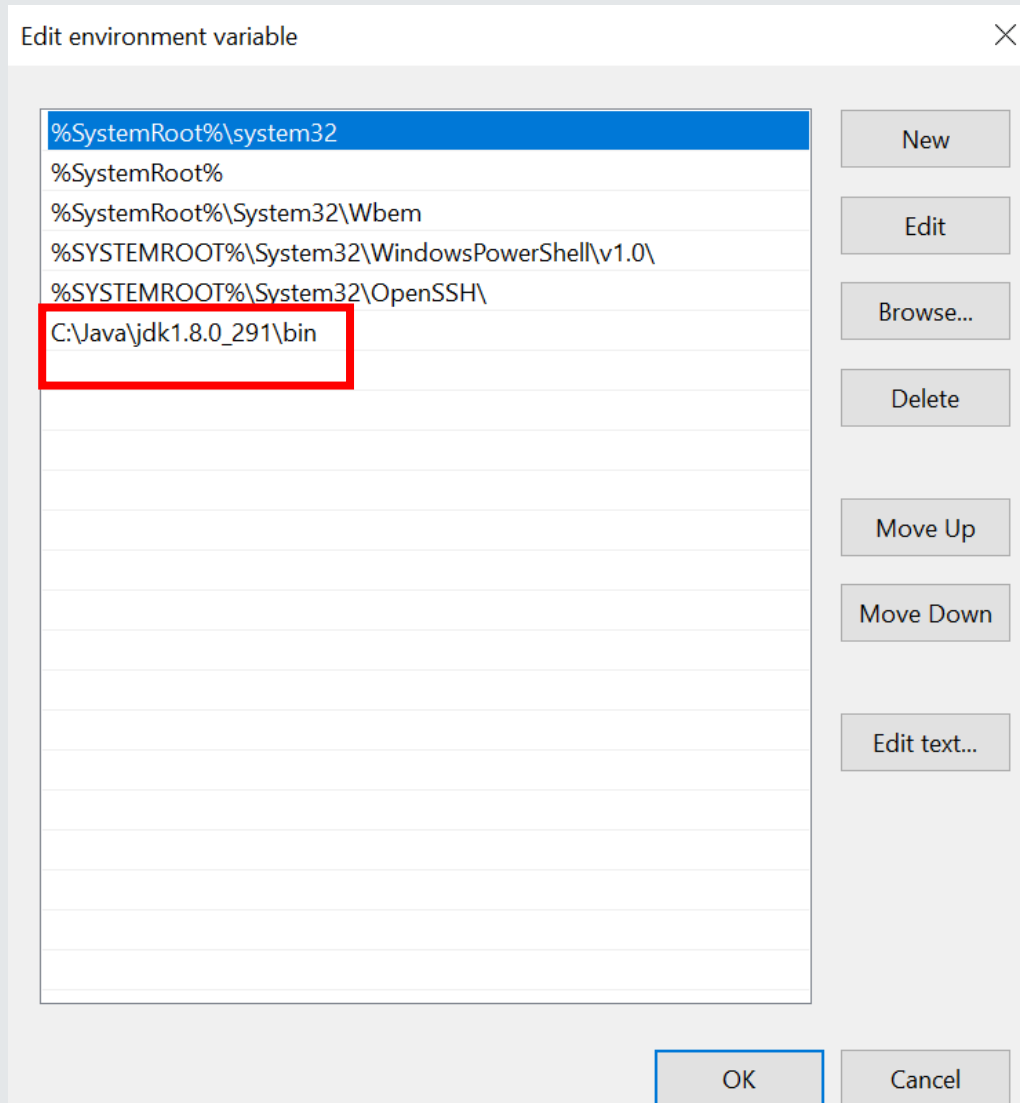
Set the Environment Variable for JAVA



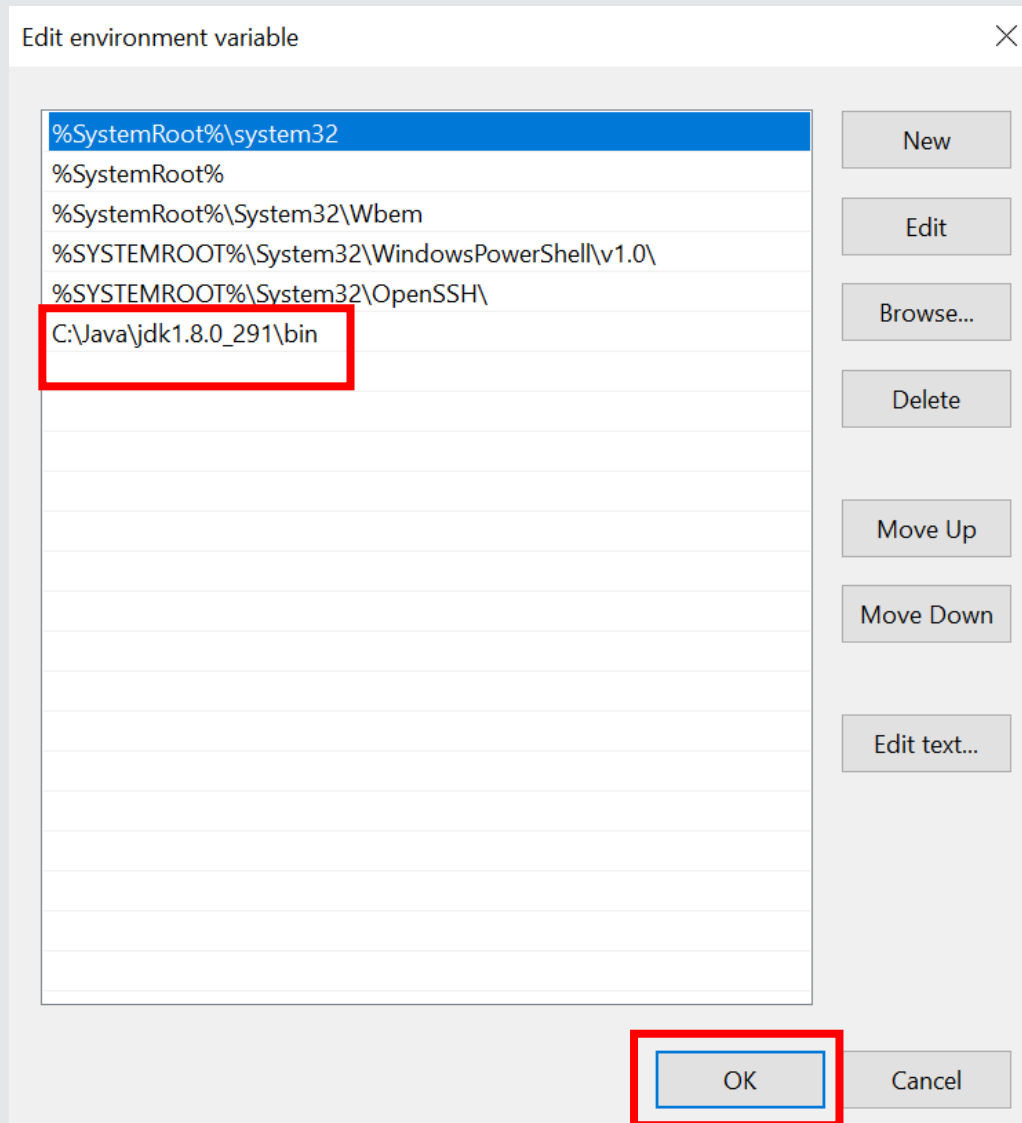
Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



Set the Environment Variable for JAVA



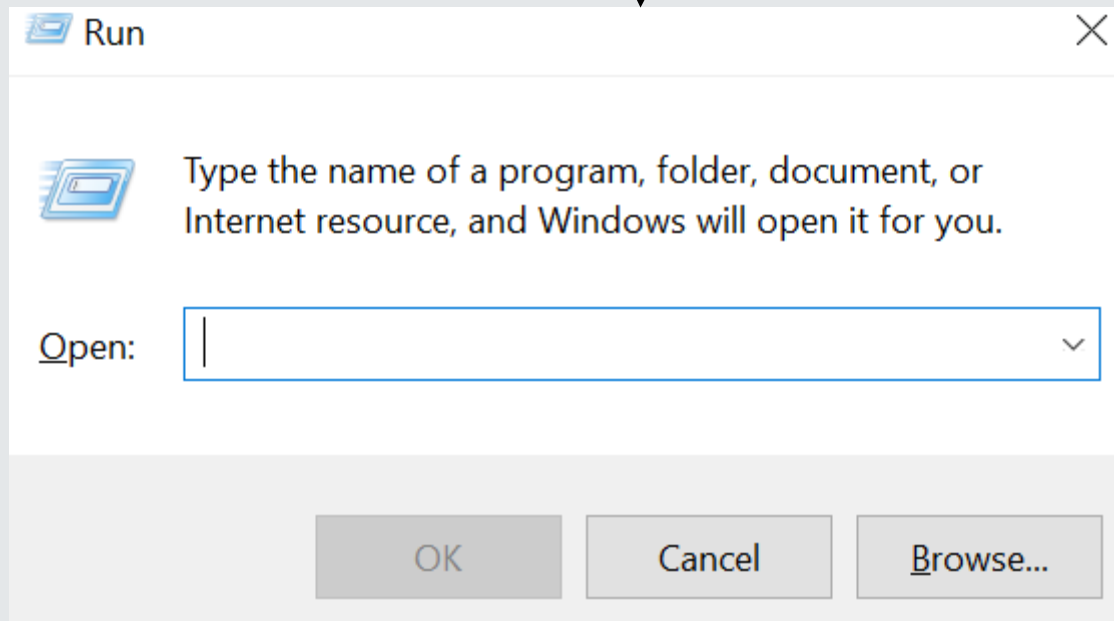
**Check whether java is
functional or not**

Steps to check Java is functional or not

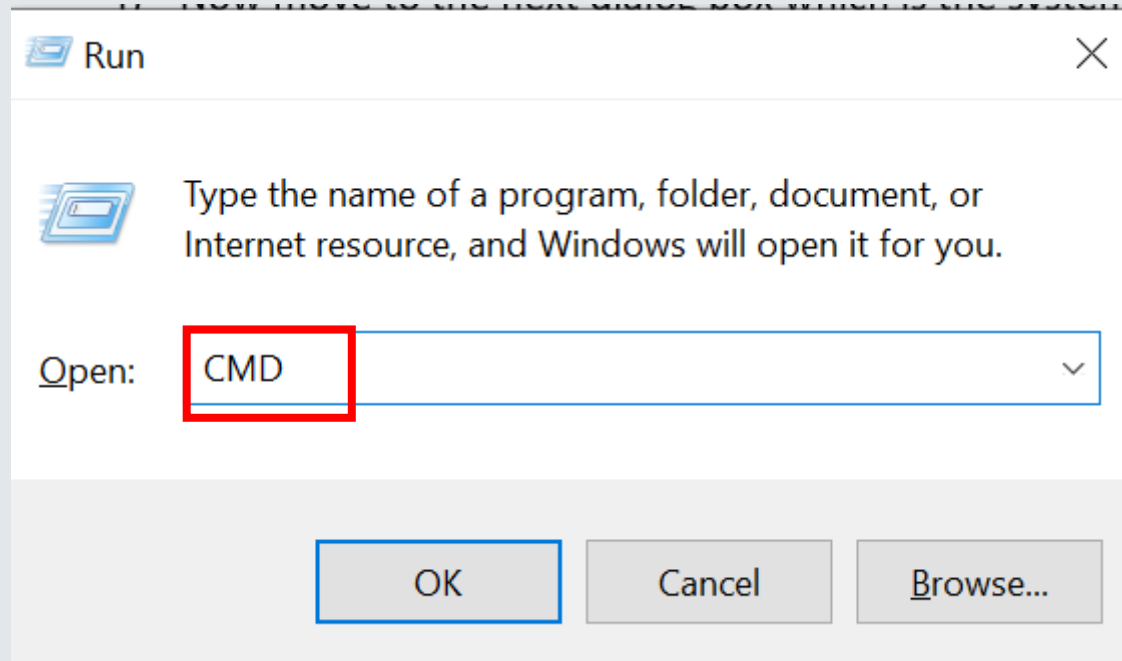
Windows + R

Steps to check Java is functional or not

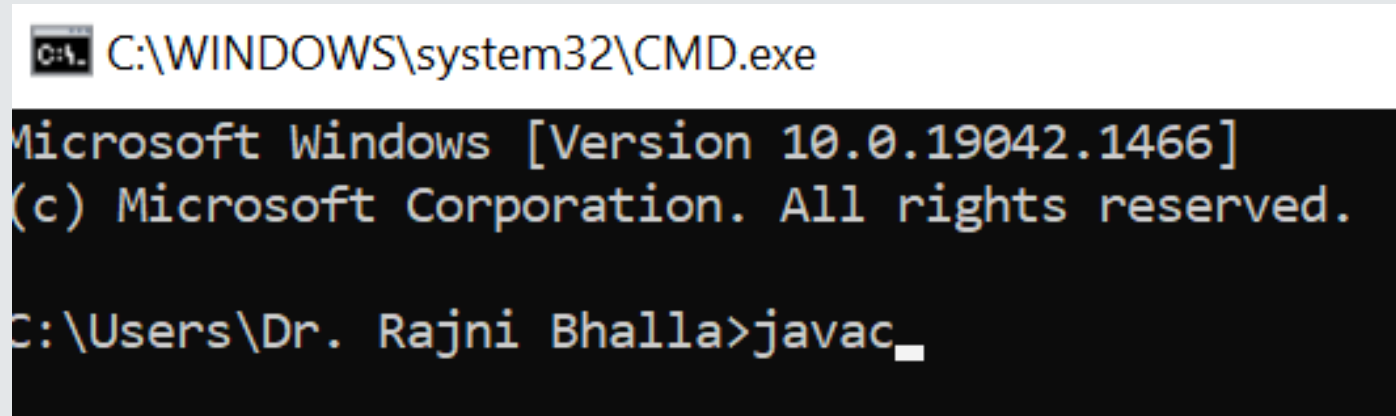
Windows + R



Steps to check Java is functional or not



Steps to check Java is functional or not



```
C:\WINDOWS\system32\CMD.exe  
Microsoft Windows [Version 10.0.19042.1466]  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\Dr. Rajni Bhalla>javac_
```

Steps to check Java is functional or not

```
C:\Users\Dr. Rajni Bhalla>javac
Usage: javac <options> <source files>
where possible options include:
  -g                      Generate all debugging info
  -g:none                 Generate no debugging info
  -g:{lines,vars,source}  Generate only some debugging info
  -nowarn                 Generate no warnings
  -verbose                Output messages about what the compiler is doing
  -deprecation            Output source locations where deprecated APIs are used
  -classpath <path>       Specify where to find user class files and annotation processors
  -cp <path>              Specify where to find user class files and annotation processors
  -sourcepath <path>      Specify where to find input source files
  -bootclasspath <path>   Override location of bootstrap class files
  -extdirs <dirs>         Override location of installed extensions
  -endorseddirs <dirs>    Override location of endorsed standards path
  -proc:{none,only}       Control whether annotation processing and/or compilation is done.
  -processor <class1>[,<class2>,<class3>...] Names of the annotation processors to run; bypasses default discovery process
  -processorpath <path>   Specify where to find annotation processors
  -parameters             Generate metadata for reflection on method parameters
  -d <directory>          Specify where to place generated class files
  -s <directory>          Specify where to place generated source files
  -h <directory>          Specify where to place generated native header files
  -implicit:{none,class}  Specify whether or not to generate class files for implicitly referenced files
  -encoding <encoding>    Specify character encoding used by source files
  -source <release>        Provide source compatibility with specified release
  -target <release>        Generate class files for specific VM version
  -profile <profile>       Check that API used is available in the specified profile
  -version                Version information
  -help                   Print a synopsis of standard options
  -Akey[=value]           Options to pass to annotation processors
  -X                      Print a synopsis of nonstandard options
  -J<flag>                Pass <flag> directly to the runtime system
  -Werror                 Terminate compilation if warnings occur
  @<filename>             Read options and filenames from file
```


**To check version of
JAVA**

C:\WINDOWS\system32\CMD.exe

C:\Users\Dr. Rajni Bhalla>java -version_

C:\WINDOWS\system32\CMD.exe

C:\Users\Dr. Rajni Bhalla>java -version_



C:\Users\Dr. Rajni Bhalla>java -version













java version "1.8.0_291"

Java(TM) SE Runtime Environment (build 1.8.0_291-b10)

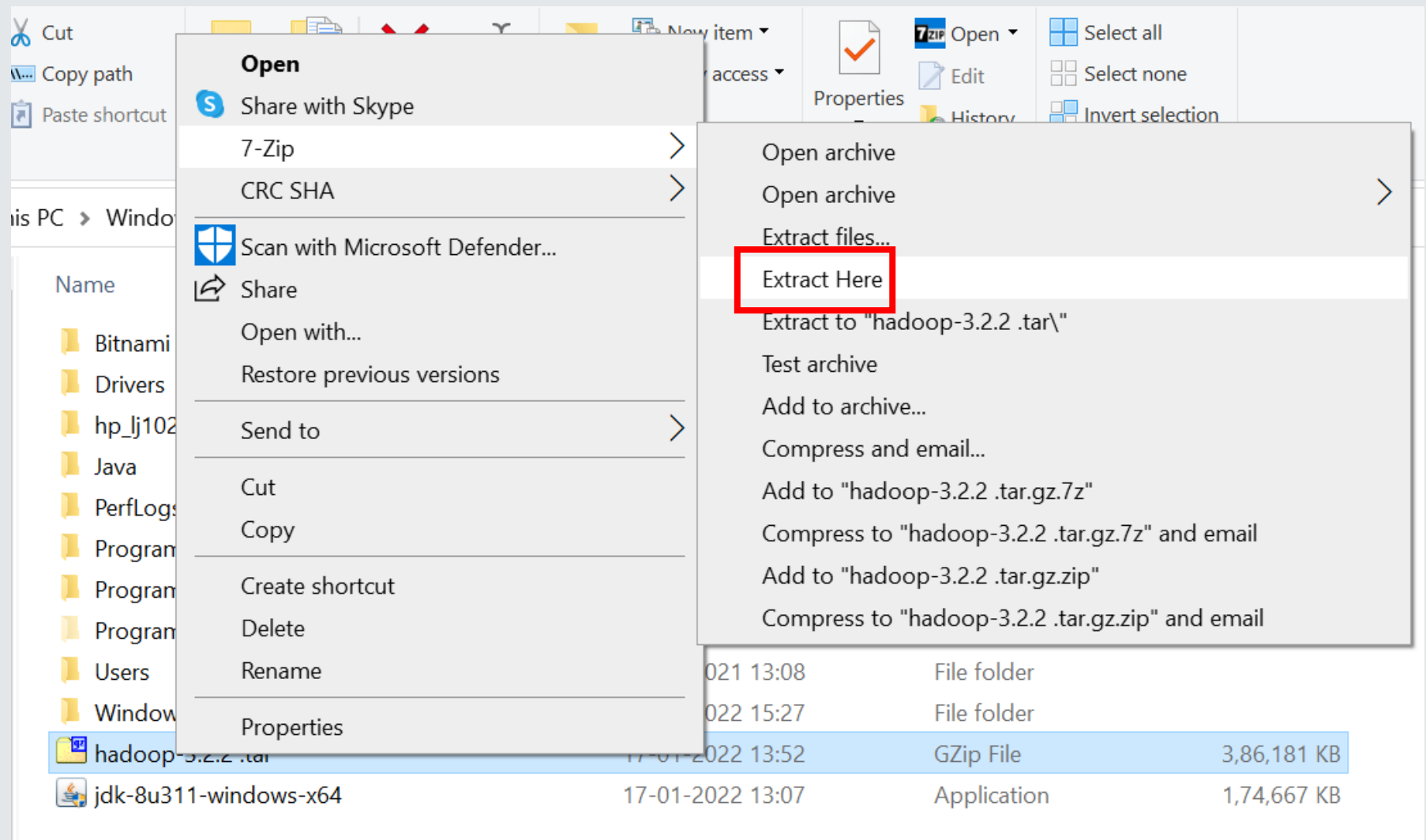
Java HotSpot(TM) 64-Bit Server VM (build 25.291-b10, mixed mode)

**INSTALL HADOOP
INTO OUR LOCAL
SYSTEM**

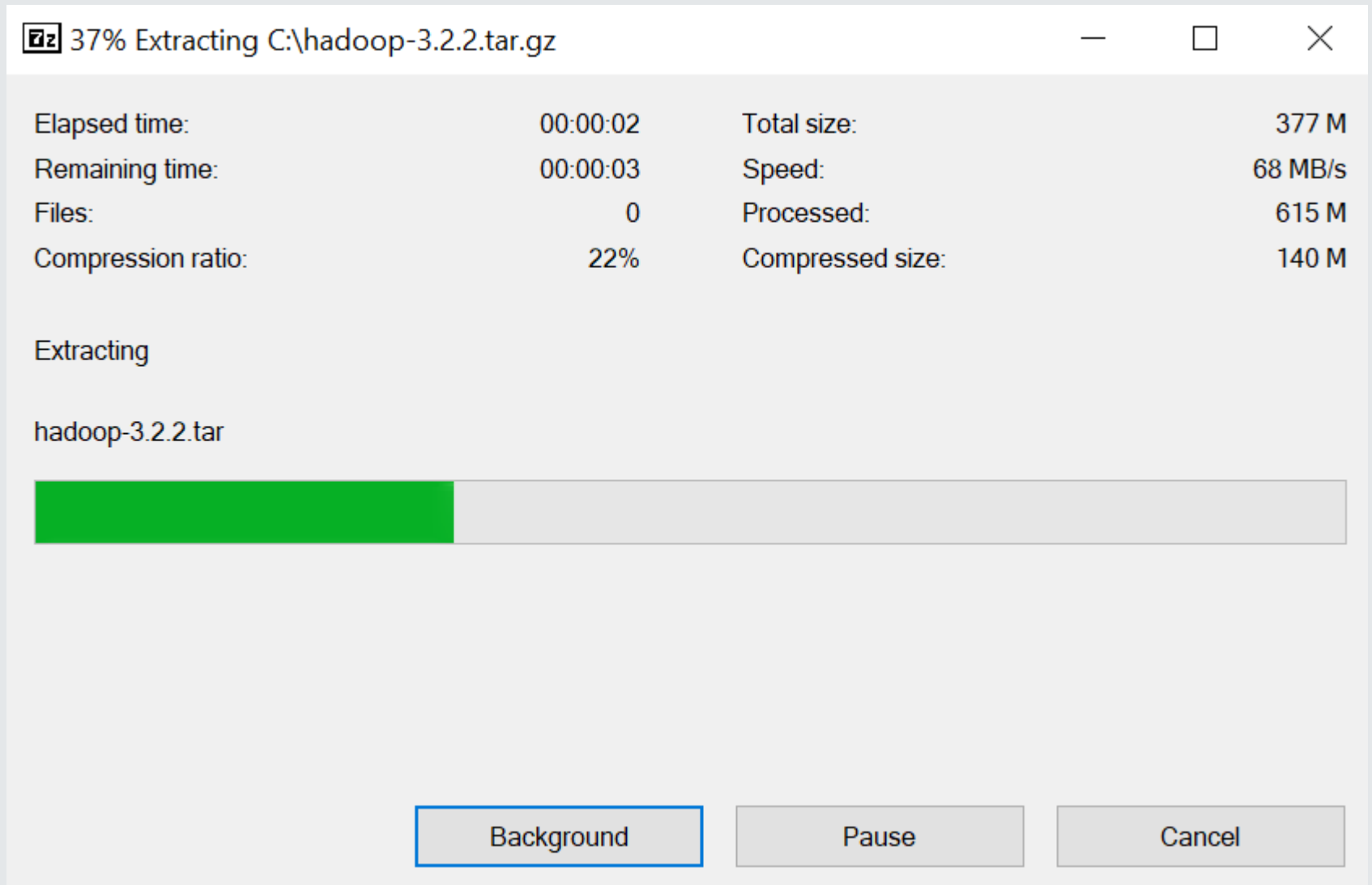
Steps to install Hadoop

| | | | |
|---|------------------|-------------|-------------|
|  Bitnami | 25-06-2021 12:16 | File folder | |
|  Drivers | 02-02-2021 20:47 | File folder | |
|  hp_lj1020_Full_Solution | 15-09-2021 11:26 | File folder | |
|  Java | 17-01-2022 16:48 | File folder | |
|  PerfLogs | 07-12-2019 14:44 | File folder | |
|  Program Files | 17-01-2022 17:00 | File folder | |
|  Program Files (x86) | 11-01-2022 09:09 | File folder | |
|  ProgramData | 25-11-2021 12:48 | File folder | |
|  Users | 08-04-2021 13:08 | File folder | |
|  Windows | 14-01-2022 15:27 | File folder | |
|  hadoop-3.2.2 .tar | 17-01-2022 13:52 | GZip File | 3,86,181 KB |
|  jdk-8u311-windows-x64 | 17-01-2022 13:07 | Application | 1,74,667 KB |

Steps to install Hadoop



Steps to install Hadoop






Steps to install Hadoop

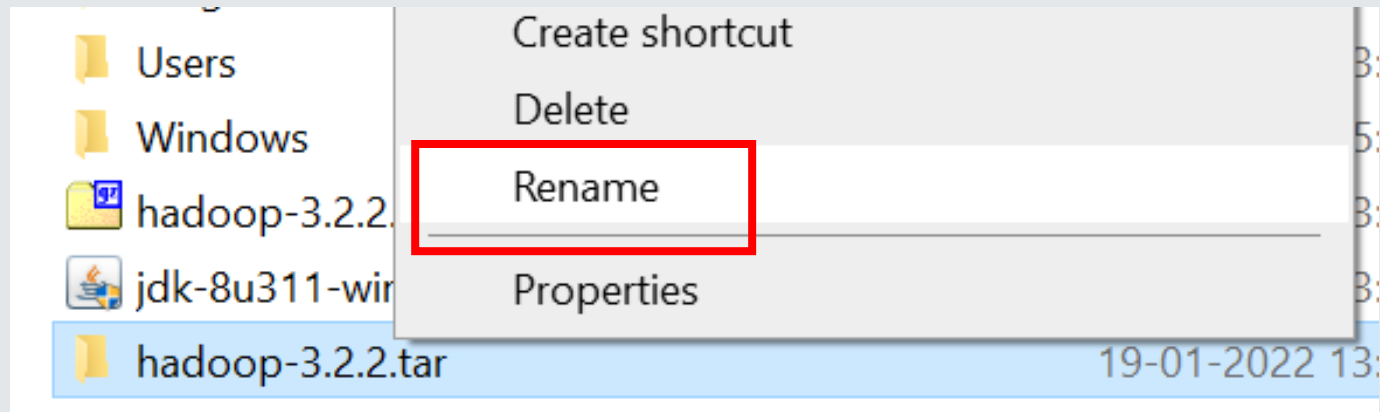
Ignore

1. Cannot create a symbolic link:....
2. Cannot create a symbolic link:....
3. Cannot create a symbolic link:....

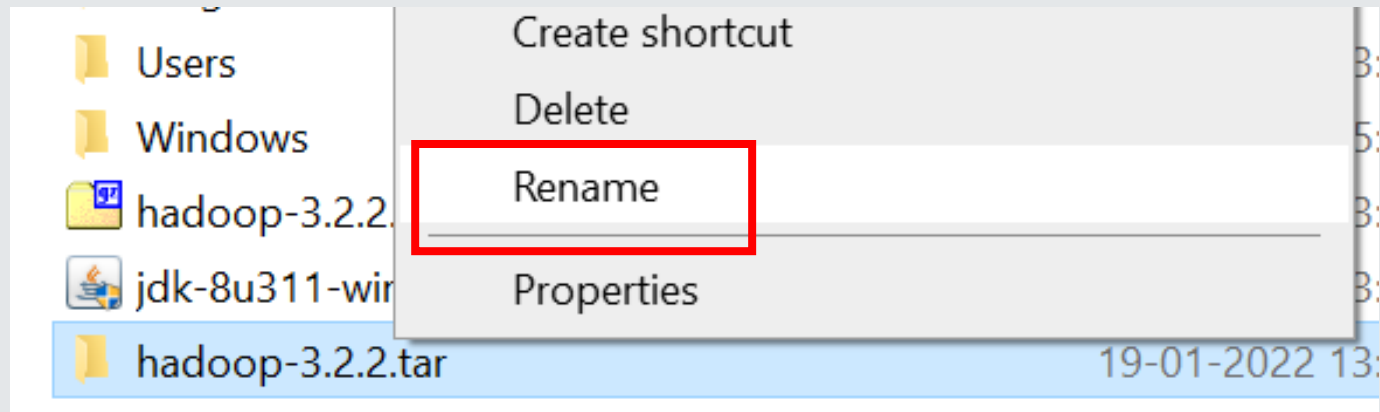
Steps to install Hadoop

| | | | |
|---|------------------|-------------|-------------|
|  hadoop-3.2.2.tar | 17-01-2022 13:52 | GZip File | 3,86,181 KB |
|  jdk-8u311-windows-x64 | 17-01-2022 13:07 | Application | 1,74,667 KB |
|  hadoop-3.2.2.tar | 19-01-2022 13:47 | File folder | |

Steps to install Hadoop



Steps to install Hadoop



Steps to install Hadoop

| | | |
|-------------------------|------------------|-------------|
| Bitnami | 25-06-2021 12:16 | File folder |
| Drivers | 02-02-2021 20:47 | File folder |
| hadoop | 03-01-2021 15:41 | File folder |
| hp_lj1020_Full_Solution | 15-09-2021 11:26 | File folder |
| Java | 17-01-2022 16:48 | File folder |

Steps to install Hadoop

| | | |
|-------------------------|------------------|-------------|
| Bitnami | 25-06-2021 12:16 | File folder |
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| hp_lj1020_Full_Solution | 15-09-2021 11:26 | File folder |
| Java | 17-01-2022 16:48 | File folder |

› This PC › Windows-SSD (C:) › hadoop ›

| Name | Date modified | Type |
|---------|------------------|-------------|
| bin | 03-01-2021 15:41 | File folder |
| etc | 03-01-2021 14:59 | File folder |
| include | 03-01-2021 15:41 | File folder |
| lib | 03-01-2021 15:41 | File folder |

Steps to install Hadoop

| | | |
|-------------------------|------------------|-------------|
| Bitnami | 25-06-2021 12:16 | File folder |
| Drivers | 02-02-2021 20:47 | File folder |
| hadoop | 03-01-2021 15:41 | File folder |
| hp_ij1020_Full_Solution | 15-09-2021 11:26 | File folder |
| java | 17-01-2022 16:48 | File folder |

› This PC › Windows-SSD (C:) › hadoop ›

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|---------|------------------|-------------|
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| lib | 03-01-2021 15:41 | File folder |

This PC › Windows-SSD (C:) › hadoop › etc ›

| Name |
|--------|
| hadoop |

Steps to install Hadoop

This PC > Windows-SSD (C:) > hadoop > etc > hadoop >

| Name | Date modified | Type |
|----------------------------------|------------------|-----------------|
| shellprofile.d | 03-01-2021 14:58 | File folder |
| capacity-scheduler | 03-01-2021 15:24 | XML Document |
| configuration | 03-01-2021 15:27 | XSL Stylesheet |
| container-executor.cfg | 03-01-2021 15:24 | CFG File |
| core-site | 03-01-2021 14:58 | XML Document |
| hadoop-env | 03-01-2021 14:58 | Windows Command |
| hadoop-env.sh | 03-01-2021 15:41 | SH File |
| hadoop-metrics2.properties | 03-01-2021 14:58 | PROPERTIES File |
| hadoop-policy | 03-01-2021 14:58 | XML Document |
| hadoop-user-functions.sh.example | 03-01-2021 14:58 | EXAMPLE File |
| hdfs-site | 03-01-2021 15:02 | XML Document |
| httpfs-env.sh | 03-01-2021 15:03 | SH File |
| httpfs-log4j.properties | 03-01-2021 15:03 | PROPERTIES File |
| httpfs-signature.secret | 03-01-2021 15:03 | SECRET File |
| httpfs-site | 03-01-2021 15:03 | XML Document |
| kms-acls | 03-01-2021 14:59 | XML Document |
| kms-env.sh | 03-01-2021 14:59 | SH File |
| kms-log4j.properties | 03-01-2021 14:59 | PROPERTIES File |
| kms-site | 03-01-2021 14:59 | XML Document |
| log4j.properties | 03-01-2021 14:58 | PROPERTIES File |
| mapred-env | 03-01-2021 15:27 | Windows Command |

Steps to install Hadoop

This PC > Windows-SSD (C:) > hadoop > etc > hadoop >






















| Name | Date modified | Type |
|----------------------------------|------------------|-----------------|
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| hadoop-metrics2.properties | 03-01-2021 14:58 | PROPERTIES File |
| hadoop-policy | 03-01-2021 14:58 | XML Document |
| hadoop-user-functions.sh.example | 03-01-2021 14:58 | EXAMPLE File |
| hdfs-site | 03-01-2021 15:02 | XML Document |
| httpfs-env.sh | 03-01-2021 15:03 | SH File |
| httpfs-log4j.properties | 03-01-2021 15:03 | PROPERTIES File |
| httpfs-signature.secret | 03-01-2021 15:03 | SECRET File |
| httpfs-site | 03-01-2021 15:03 | XML Document |
| kms-acls | 03-01-2021 14:59 | XML Document |
| kms-env.sh | 03-01-2021 14:59 | SH File |
| kms-log4j.properties | 03-01-2021 14:59 | PROPERTIES File |
| kms-site | 03-01-2021 14:59 | XML Document |
| log4j.properties | 03-01-2021 14:58 | PROPERTIES File |
| mapred-env | 03-01-2021 15:27 | Windows Command |

Steps to install Hadoop






This PC > Windows-SSD (C:) > hadoop > etc > hadoop >

| Name | Date modified | Type |
|----------------------------------|------------------|-----------------|
| shellprofile.d | 03-01-2021 14:58 | File folder |
| capacity-scheduler | 03-01-2021 15:24 | XML Document |
| configuration | 03-01-2021 15:27 | XSL Stylesheet |
| container-executor.cfg | 03-01-2021 15:24 | CFG File |
| core-site | 03-01-2021 14:58 | XML Document |
| hadoop-env | 03-01-2021 14:58 | Windows Command |
| hadoop-env.sh | 03-01-2021 15:41 | SH File |
| hadoop-metrics2.properties | 03-01-2021 14:58 | PROPERTIES File |
| hadoop-policy | 03-01-2021 14:58 | XML Document |
| hadoop-user-functions.sh.example | 03-01-2021 14:58 | EXAMPLE File |
| hdfs-site | 03-01-2021 15:02 | XML Document |
| httpfs-env.sh | 03-01-2021 15:03 | SH File |
| httpfs-log4j.properties | 03-01-2021 15:03 | PROPERTIES File |
| httpfs-signature.secret | 03-01-2021 15:03 | SECRET File |
| httpfs-site | 03-01-2021 15:03 | XML Document |
| kms-acls | 03-01-2021 14:59 | XML Document |
| kms-env.sh | 03-01-2021 14:59 | SH File |
| kms-log4j.properties | 03-01-2021 14:59 | PROPERTIES File |
| kms-site | 03-01-2021 14:59 | XML Document |
| log4j.properties | 03-01-2021 14:58 | PROPERTIES File |
| mapred-env | 03-01-2021 15:27 | Windows Command |





















Steps to install Hadoop

| | | | |
|--|------------------|---------------------|-------|
|  core-site | 03-01-2021 14:58 | XML Document | 1 KB |
|  hadoop-env | 03-01-2021 14:58 | Windows Command ... | 4 KB |
|  hadoop-env.sh | 03-01-2021 15:41 | SH File | 16 KB |
|  hadoop-metrics2.properties | 03-01-2021 14:58 | PROPERTIES File | 4 KB |
|  hadoop-policy | 03-01-2021 14:58 | XML Document | 12 KB |
|  hadoop-user-functions.sh.example | 03-01-2021 14:58 | EXAMPLE File | 4 KB |
|  hdfs-site | 03-01-2021 15:02 | XML Document | 1 KB |
|  httpfs-env.sh | 03-01-2021 15:03 | SH File | 2 KB |
|  httpfs-log4j.properties | 03-01-2021 15:03 | PROPERTIES File | 2 KB |
|  httpfs-signature.secret | 03-01-2021 15:03 | SECRET File | 1 KB |
|  httpfs-site | 03-01-2021 15:03 | XML Document | 1 KB |
|  kms-acls | 03-01-2021 14:59 | XML Document | 4 KB |
|  kms-env.sh | 03-01-2021 14:59 | SH File | 2 KB |
|  kms-log4j.properties | 03-01-2021 14:59 | PROPERTIES File | 2 KB |
|  kms-site | 03-01-2021 14:59 | XML Document | 1 KB |
|  log4j.properties | 03-01-2021 14:58 | PROPERTIES File | 15 KB |
|  mapred-env | 03-01-2021 15:27 | Windows Command ... | 1 KB |
|  mapred-env.sh | 03-01-2021 15:27 | SH File | 2 KB |
|  mapred-queues.xml.template | 03-01-2021 15:27 | TEMPLATE File | 5 KB |
|  mapred-site | 03-01-2021 15:27 | XML Document | 1 KB |
|  ssl-client.xml.example | 03-01-2021 14:58 | EXAMPLE File | 3 KB |

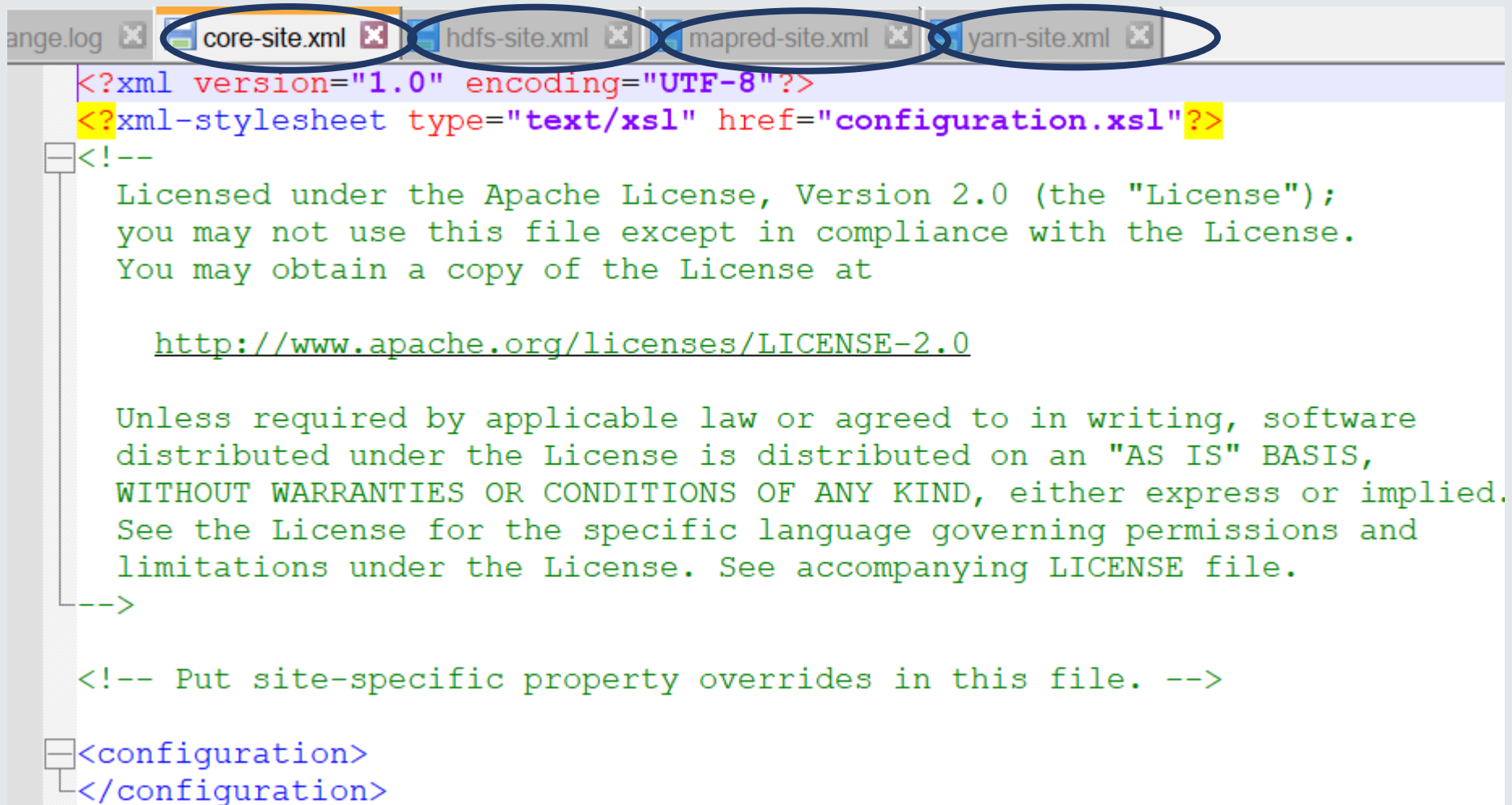
Steps to install Hadoop

| | | | |
|---|------------------|---------------------|------|
|  workers | 03-01-2021 14:58 | File | 1 KB |
|  yarn-env | 03-01-2021 15:24 | Windows Command ... | 3 KB |
|  yarn-env.sh | 03-01-2021 15:24 | SH File | 7 KB |
|  yarnservice-log4j.properties | 03-01-2021 15:24 | PROPERTIES File | 3 KB |
|  yarn-site | 03-01-2021 15:24 | XML Document | 1 KB |

Steps to install Hadoop

| | | | |
|--|------------------|---------------------|-------|
|  core-site | 03-01-2021 14:58 | XML Document | 1 KB |
|  hadoop-env | 03-01-2021 14:58 | Windows Command ... | 4 KB |
|  hadoop-env.sh | 03-01-2021 15:41 | SH File | 16 KB |
|  hadoop-metrics2.properties | 03-01-2021 14:58 | PROPERTIES File | 4 KB |
|  hadoop-policy | 03-01-2021 14:58 | XML Document | 12 KB |
|  hadoop-user-functions.sh.example | 03-01-2021 14:58 | EXAMPLE File | 4 KB |
|  hdfs-site | 03-01-2021 15:02 | XML Document | 1 KB |
|  httpfs-env.sh | 03-01-2021 15:03 | SH File | 2 KB |
|  httpfs-log4j.properties | 03-01-2021 15:03 | PROPERTIES File | 2 KB |
|  httpfs-signature.secret | 03-01-2021 15:03 | SECRET File | 1 KB |
|  httpfs-site | 03-01-2021 15:03 | XML Document | 1 KB |
|  kms-acls | 03-01-2021 14:59 | XML Document | 4 KB |
|  kms-env.sh | 03-01-2021 14:59 | SH File | 2 KB |
|  kms-log4j.properties | 03-01-2021 14:59 | PROPERTIES File | 2 KB |
|  kms-site | 03-01-2021 14:59 | XML Document | 1 KB |
|  log4j.properties | 03-01-2021 14:58 | PROPERTIES File | 15 KB |
|  mapred-env | 03-01-2021 15:27 | Windows Command ... | 1 KB |
|  mapred-env.sh | 03-01-2021 15:27 | SH File | 2 KB |
|  mapred-queues.xml.template | 03-01-2021 15:27 | TEMPLATE File | 5 KB |
|  mapred-site | 03-01-2021 15:27 | XML Document | 1 KB |
| ssl-client.xml.example | 03-01-2021 14:58 | EXAMPLE File | 3 KB |

Steps to install Hadoop



```
<?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

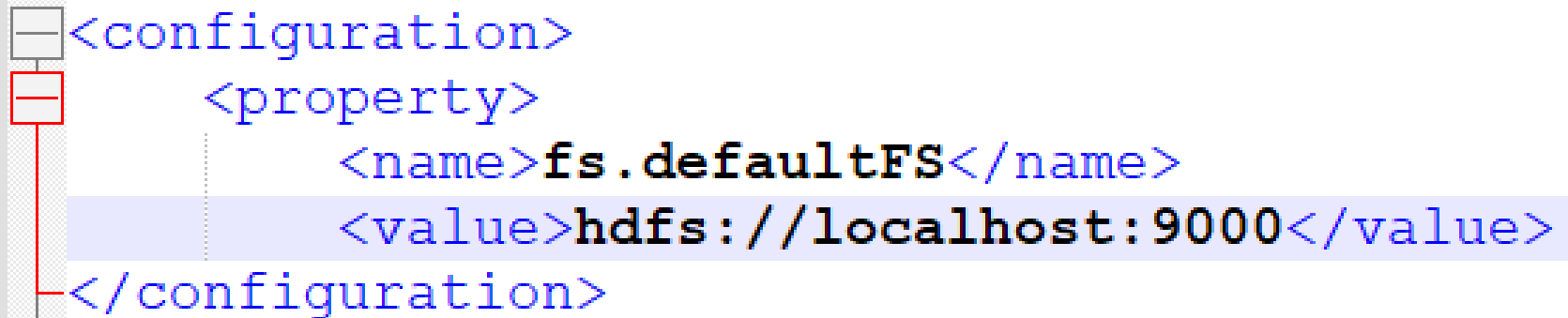
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.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

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

<configuration>
</configuration>
```

Steps to install Hadoop

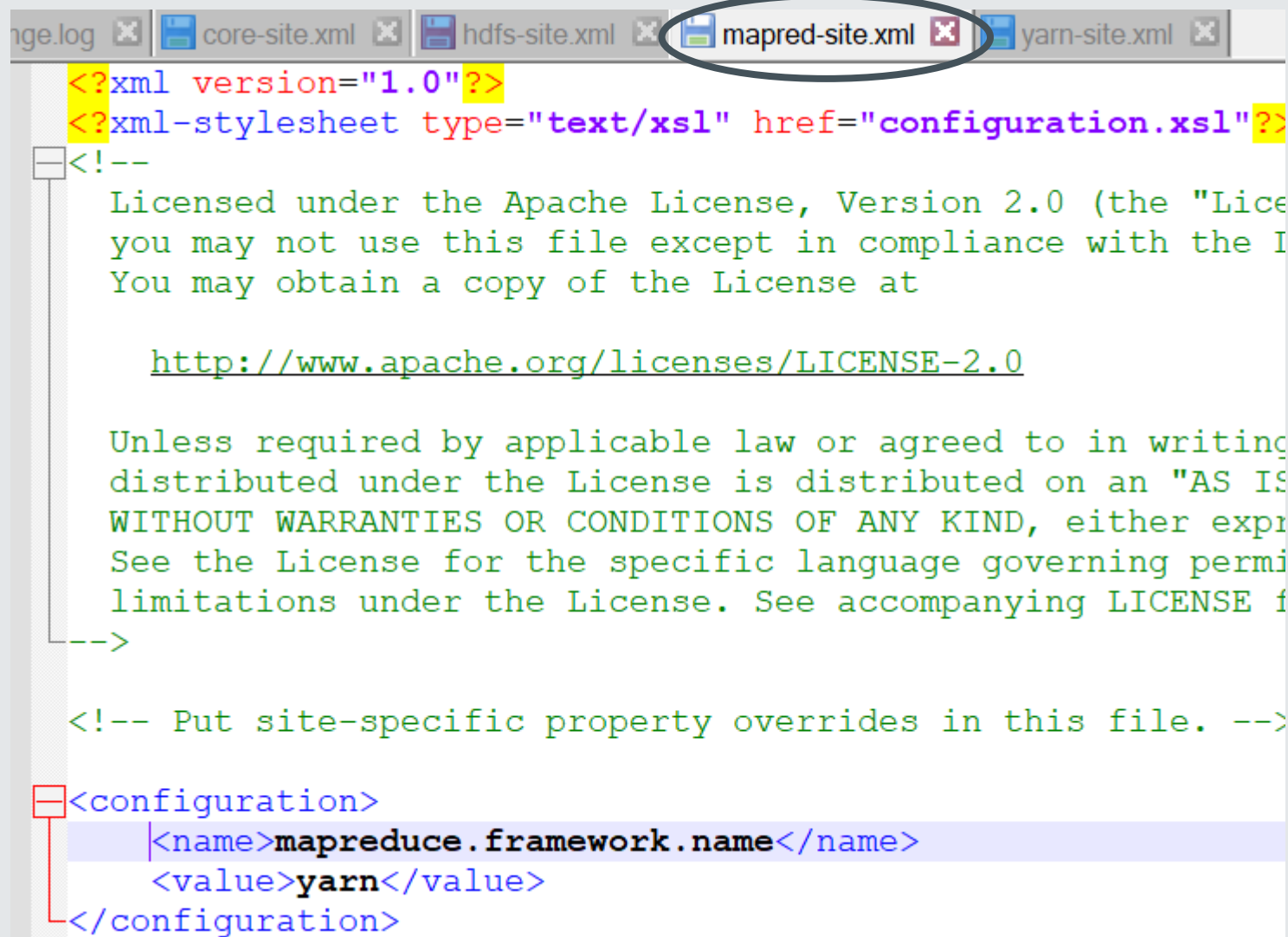
core-site.xml



The image shows a snippet of XML code within an editor. On the left, a tree view shows a 'configuration' node expanded, with a 'property' node selected and highlighted with a red border. The XML code is as follows:

```
<configuration>  
  <property>  
    <name>fs.defaultFS</name>  
    <value>hdfs://localhost:9000</value>  
  </property>  
</configuration>
```


Steps to install Hadoop



```
<?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

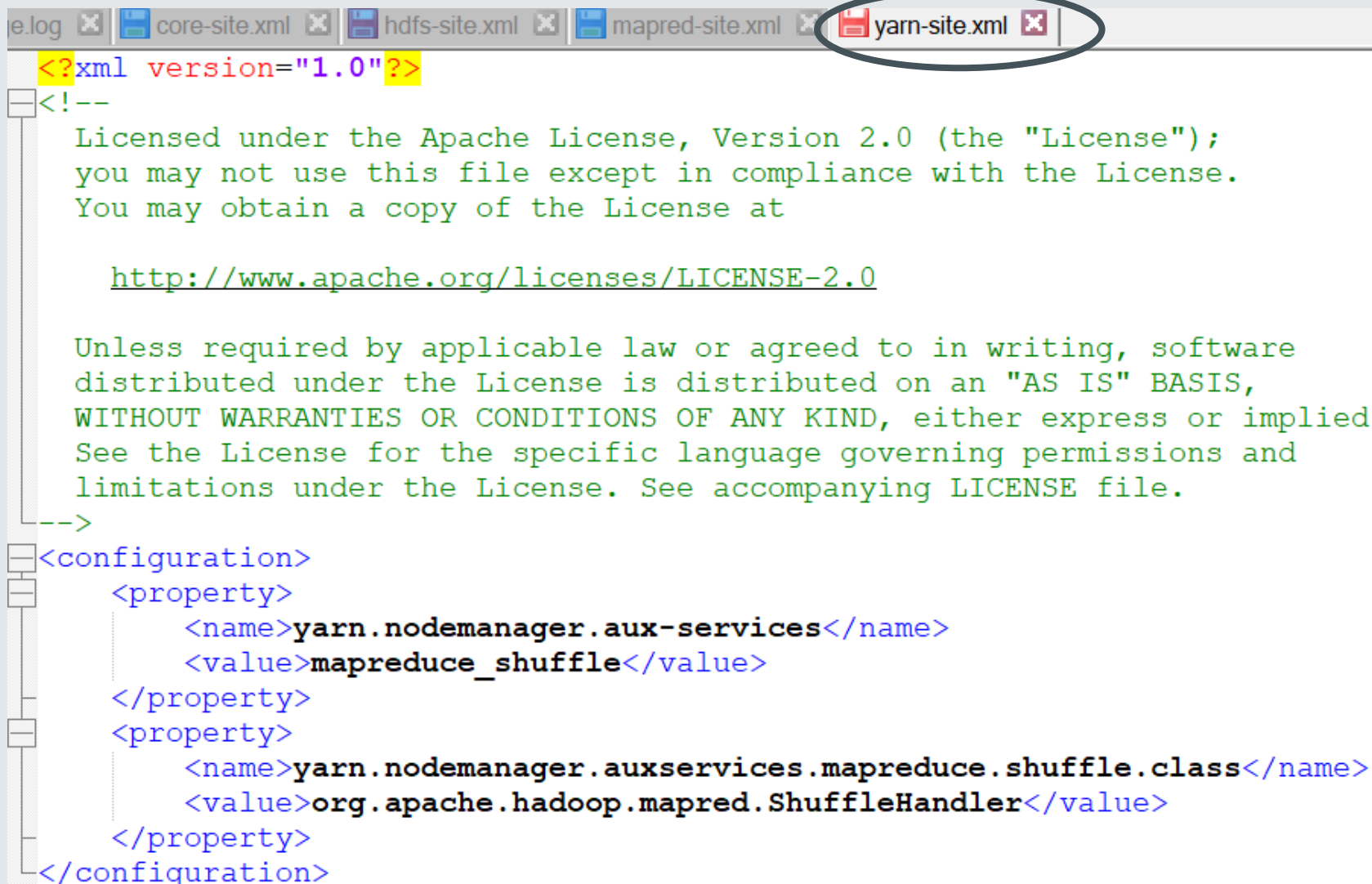
    http://www.apache.org/licenses/LICENSE-2.0

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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 for details.
-->

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

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

Steps to install Hadoop



```
<?xml version="1.0"?>
<!--
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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.
-->
<configuration>
  <property>
    <name>yarn.nodemanager.aux-services</name>
    <value>mapreduce_shuffle</value>
  </property>
  <property>
    <name>yarn.nodemanager.auxservices.mapreduce.shuffle.class</name>
    <value>org.apache.hadoop.mapred.ShuffleHandler</value>
  </property>
</configuration>
```

Steps to install Hadoop

C:\hadoop

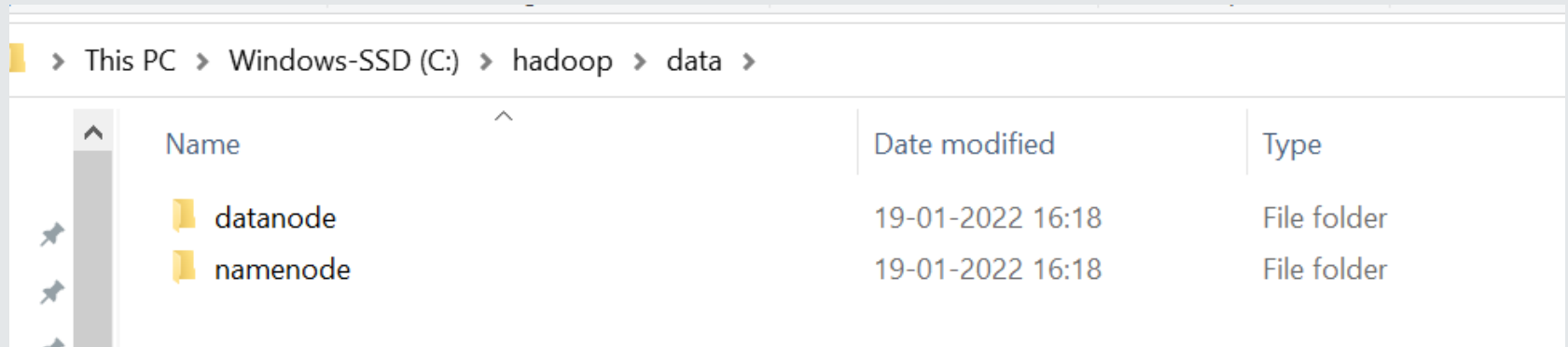


File Explorer view showing the directory structure of C:\hadoop.

Path: This PC > Windows-SSD (C:) > hadoop >

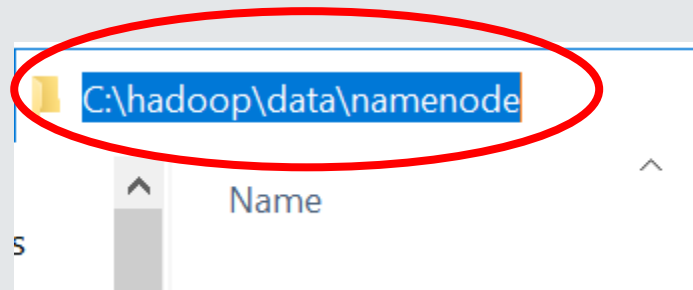
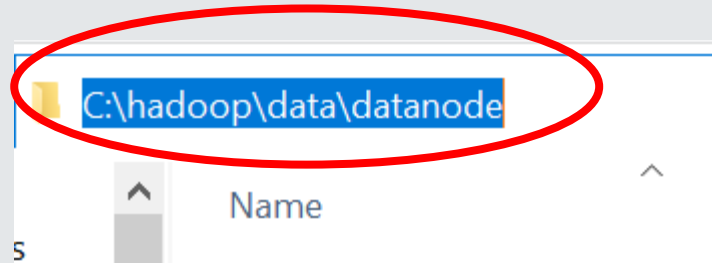
| Name | Date modified | Type | Size |
|---------|------------------|---------------|--------|
| bin | 03-01-2021 15:41 | File folder | |
| etc | 03-01-2021 14:59 | File folder | |
| include | 03-01-2021 15:41 | File folder | |
| lib | 03-01-2021 15:41 | File folder | |
| libexec | 03-01-2021 15:41 | File folder | |
| data | 19-01-2022 16:17 | File folder | |
| sbin | 03-01-2021 14:59 | File folder | |
| share | 03-01-2021 16:16 | File folder | |
| LICENSE | 05-12-2020 20:39 | Text Document | 148 KB |
| NOTICE | 05-12-2020 20:39 | Text Document | 22 KB |
| README | 05-12-2020 20:39 | Text Document | 2 KB |

Steps to install Hadoop

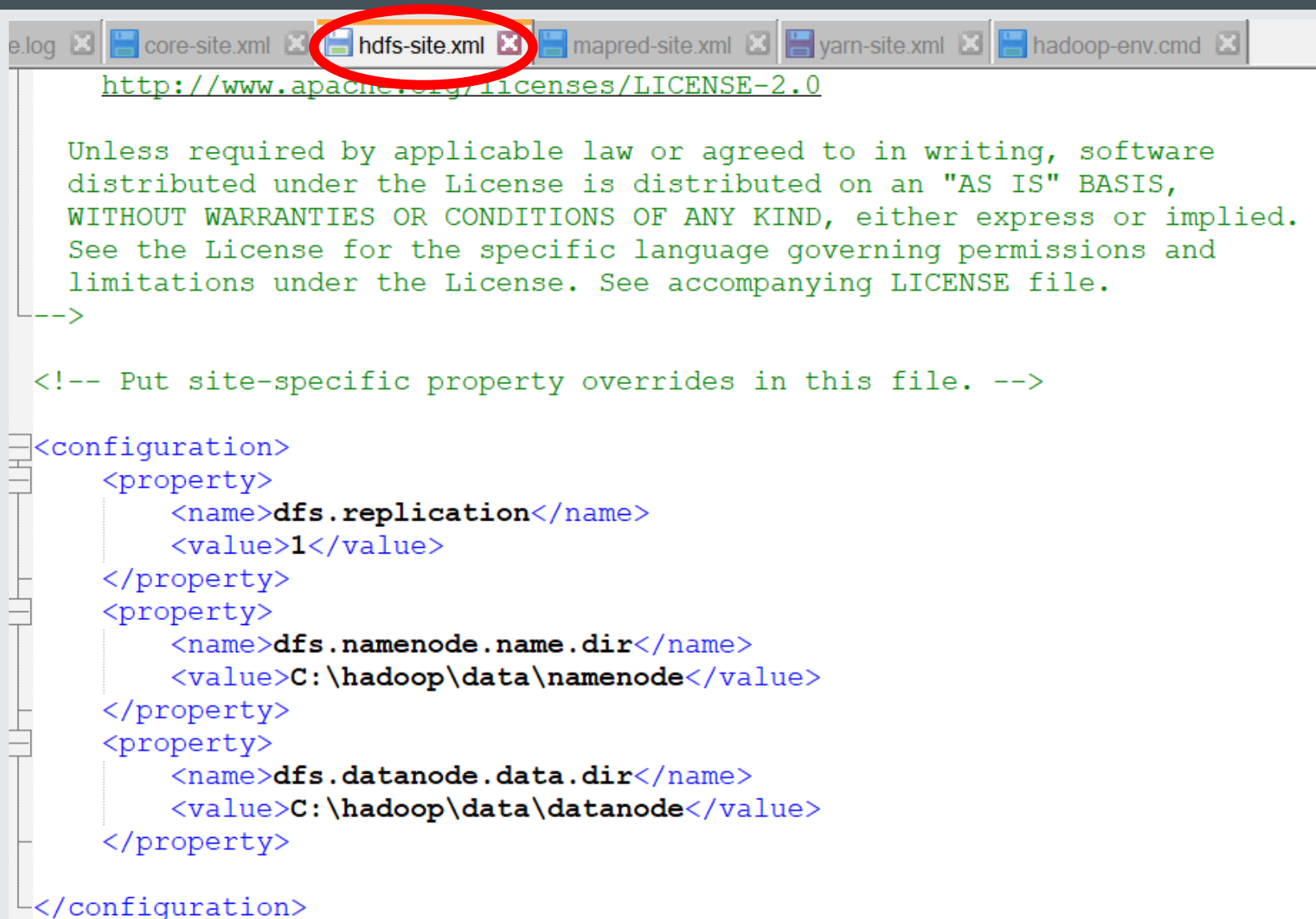


| This PC > Windows-SSD (C:) > hadoop > data > | | | |
|--|----------|------------------|-------------|
| | Name | Date modified | Type |
| | datanode | 19-01-2022 16:18 | File folder |
| | namenode | 19-01-2022 16:18 | File folder |

Steps to install Hadoop



Steps to install hadoop



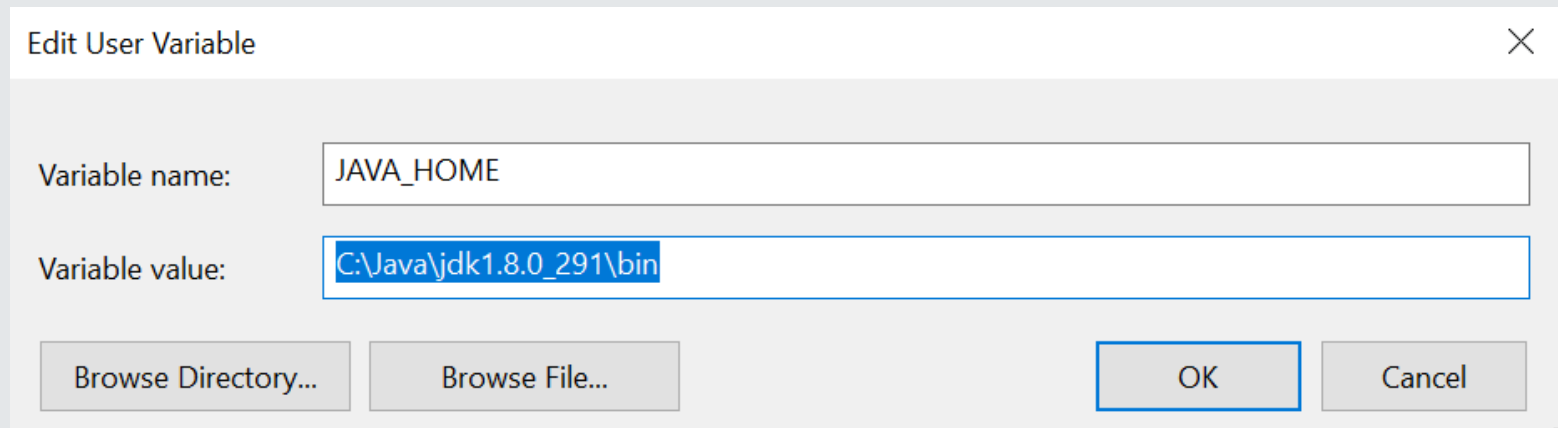
```
e.log x core-site.xml x hdfs-site.xml x mapred-site.xml x yarn-site.xml x hadoop-env.cmd x
http://www.apache.org/licenses/LICENSE-2.0

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

Steps to install hadoop



Edit User Variable

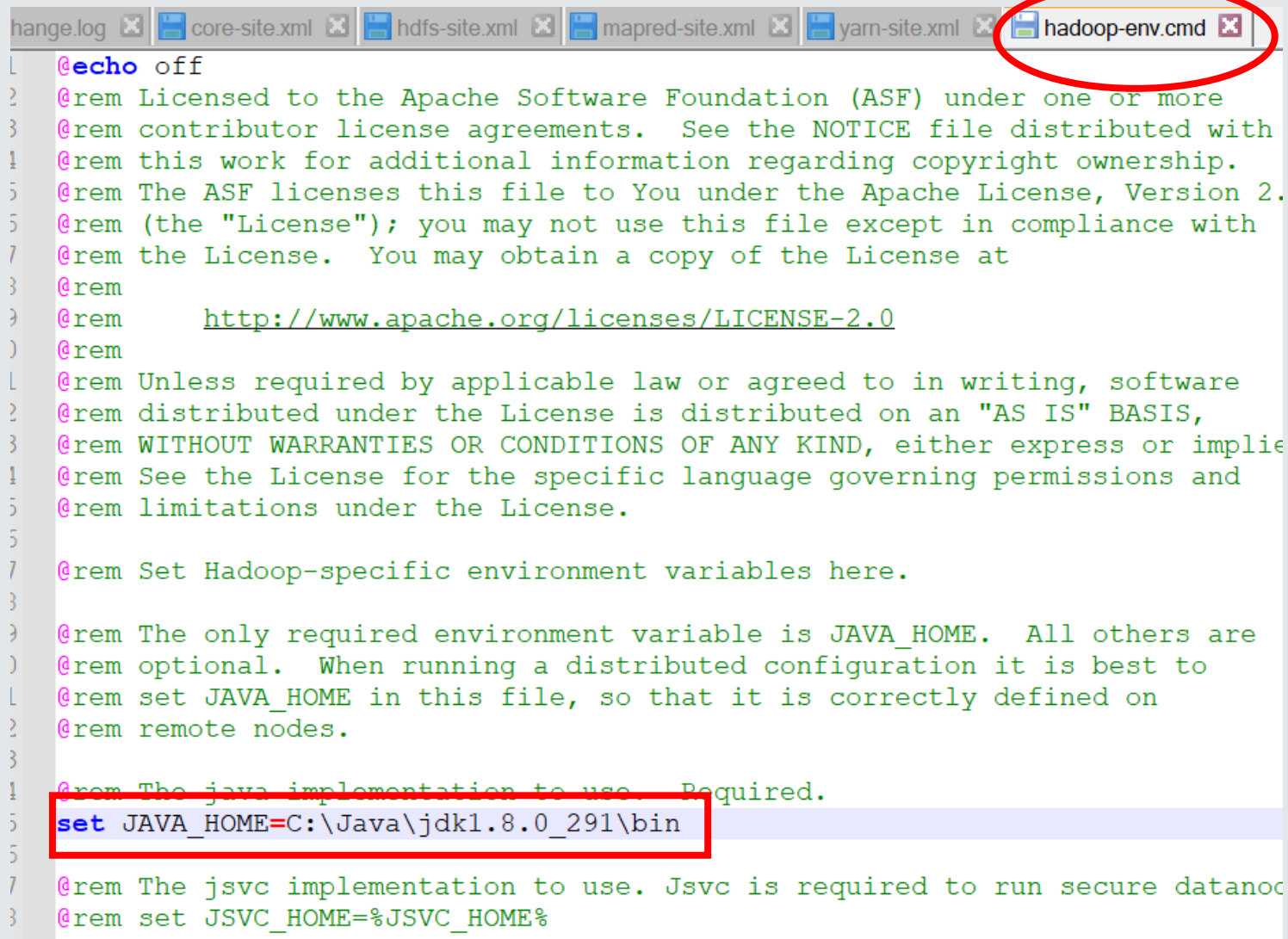
Variable name: JAVA_HOME

Variable value: C:\Java\jdk1.8.0_291\bin

Browse Directory... Browse File... OK Cancel

To get the correct location, copy from
path

Steps to install hadoop



```
hange.log x core-site.xml x hdfs-site.xml x mapred-site.xml x yarn-site.xml x hadoop-env.cmd x
1 @echo off
2 @rem Licensed to the Apache Software Foundation (ASF) under one or more
3 @rem contributor license agreements. See the NOTICE file distributed with
4 @rem this work for additional information regarding copyright ownership.
5 @rem The ASF licenses this file to You under the Apache License, Version 2.
6 @rem (the "License"); you may not use this file except in compliance with
7 @rem the License. You may obtain a copy of the License at
8 @rem
9 @rem    http://www.apache.org/licenses/LICENSE-2.0
10 @rem
11 @rem Unless required by applicable law or agreed to in writing, software
12 @rem distributed under the License is distributed on an "AS IS" BASIS,
13 @rem WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
14 @rem See the License for the specific language governing permissions and
15 @rem limitations under the License.
16
17 @rem Set Hadoop-specific environment variables here.
18
19 @rem The only required environment variable is JAVA_HOME. All others are
20 @rem optional. When running a distributed configuration it is best to
21 @rem set JAVA_HOME in this file, so that it is correctly defined on
22 @rem remote nodes.
23
24 @rem The java implementation to use. Required.
25 set JAVA_HOME=C:\Java\jdk1.8.0_291\bin
26
27 @rem The jsvc implementation to use. Jsvc is required to run secure datanode
28 @rem set JSVC_HOME=%JSVC_HOME%
```


Steps to install hadoop

ClipboardOrganizeNewOpenSelect

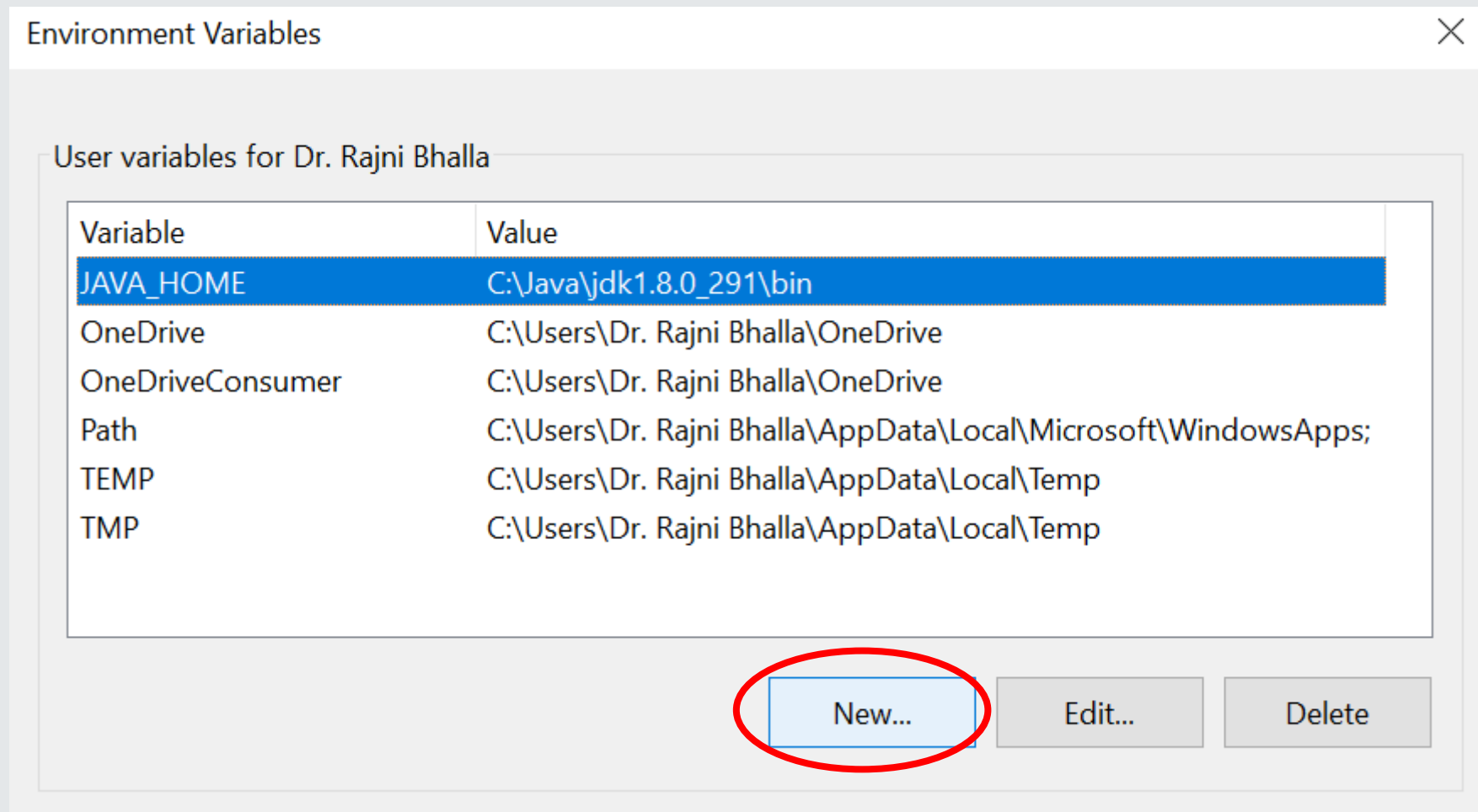
↑C:\hadoop\bin

AccessopoadsnentsesDrive

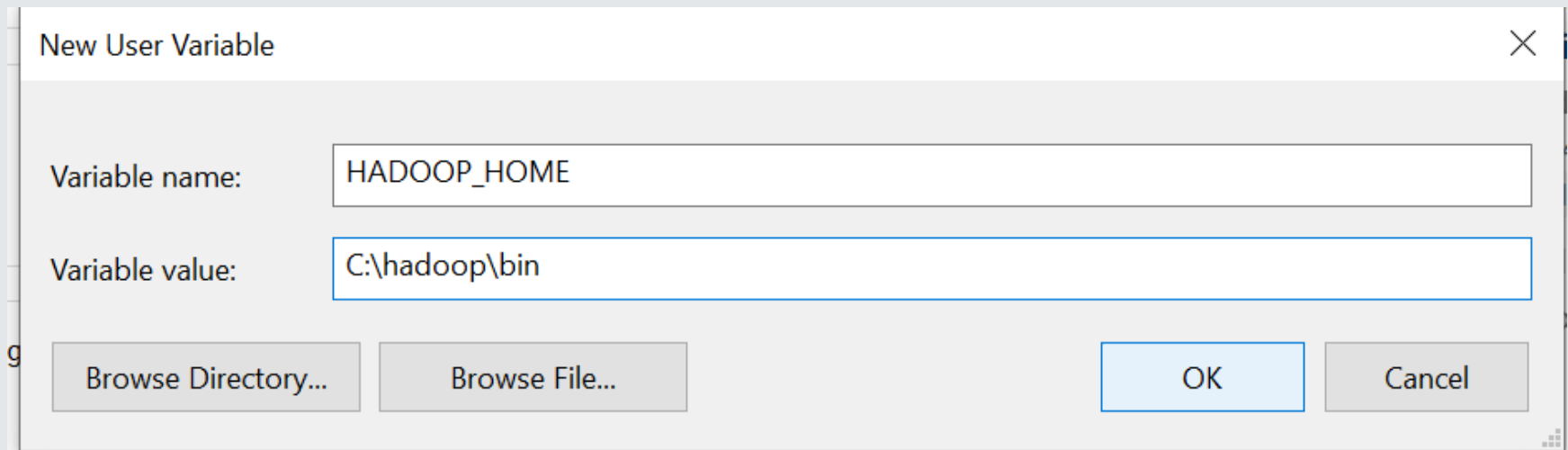
^

| Name | Date modified | Type | Size |
|-------------------------|------------------|---------------------|--------|
| container-executor | 03-01-2021 15:24 | File | 433 KB |
| hadoop | 03-01-2021 14:58 | File | 9 KB |
| hadoop | 03-01-2021 14:58 | Windows Command ... | 12 KB |
| hdfs | 03-01-2021 15:02 | File | 12 KB |
| hdfs | 03-01-2021 15:02 | Windows Command ... | 8 KB |
| mapred | 03-01-2021 15:27 | File | 7 KB |
| mapred | 03-01-2021 15:27 | Windows Command ... | 7 KB |
| oom-listener | 03-01-2021 15:24 | File | 29 KB |
| test-container-executor | 03-01-2021 15:24 | File | 474 KB |
| yarn | 03-01-2021 15:24 | File | 12 KB |
| yarn | 03-01-2021 15:24 | Windows Command ... | 13 KB |

Steps to install hadoop



Steps to install hadoop



New User Variable

Variable name: HADOOP_HOME

Variable value: C:\hadoop\bin

Browse Directory... Browse File... OK Cancel

Steps to install hadoop

System variables

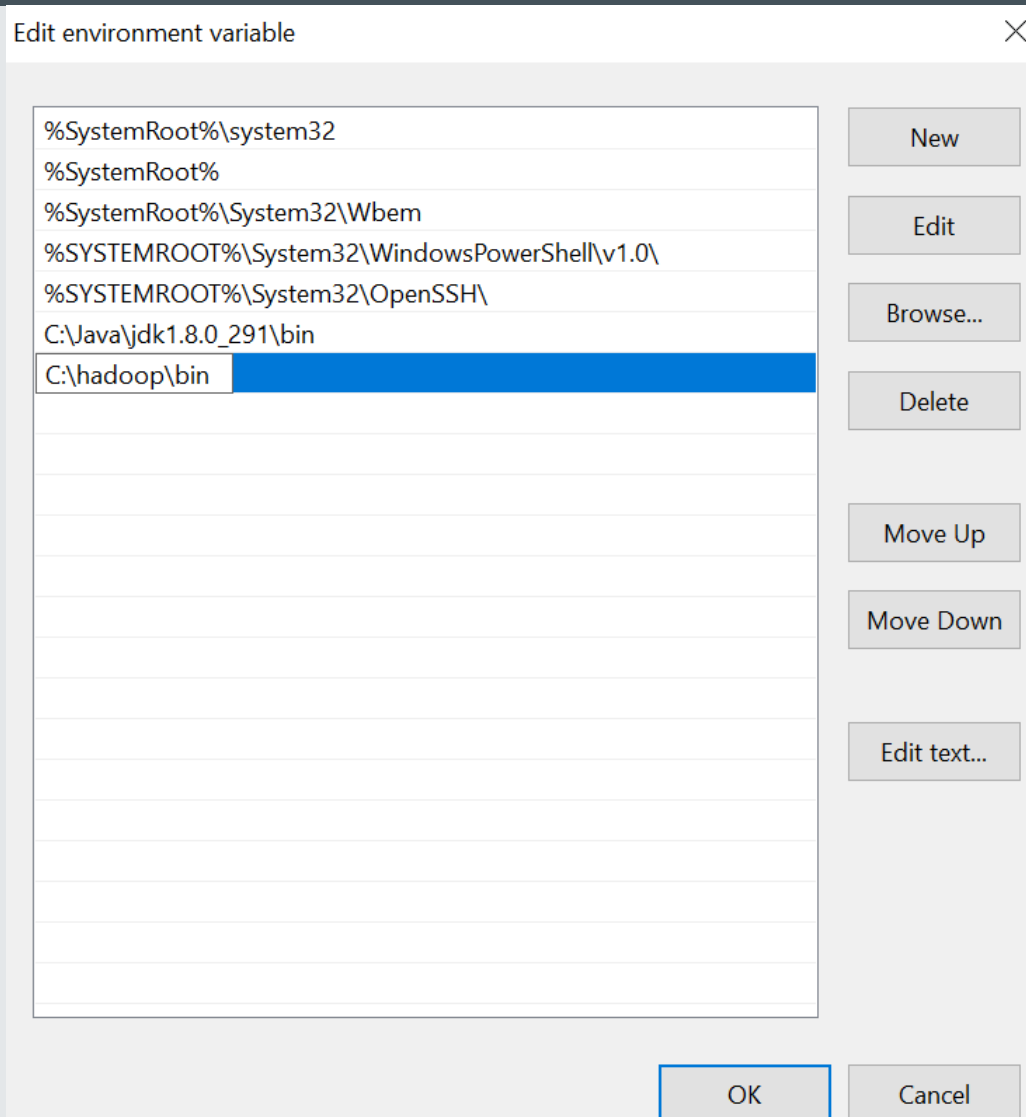
| Variable | Value |
|------------------------|--|
| ComSpec | C:\WINDOWS\system32\cmd.exe |
| DriverData | C:\Windows\System32\Drivers\DriverData |
| NUMBER_OF_PROCESSORS | 8 |
| OS | Windows_NT |
| Path | C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\... |
| PATHEXT | .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC |
| PROCESSOR_ARCHITECTURE | AMD64 |
| PROCESSOR_IDENTIFIER | Intel64 Family 6 Model 126 Stepping 5. GenuineIntel |

New...

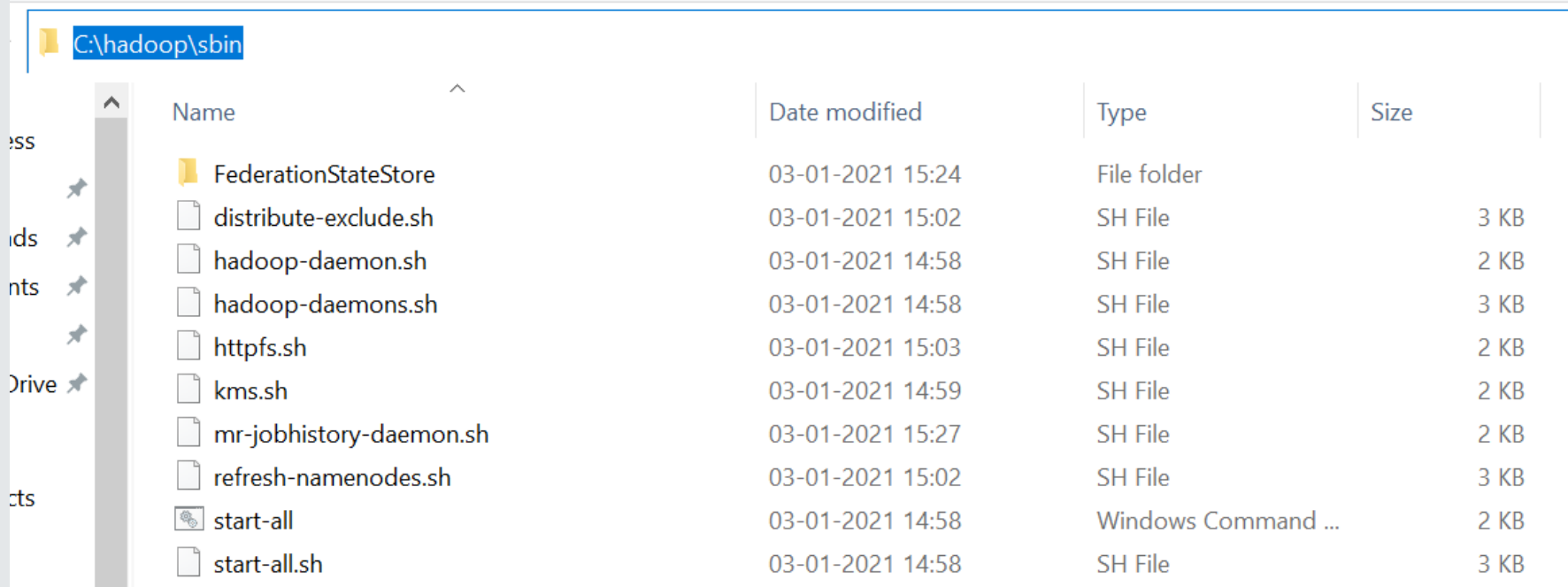
Edit...

Delete

Steps to install Hadoop

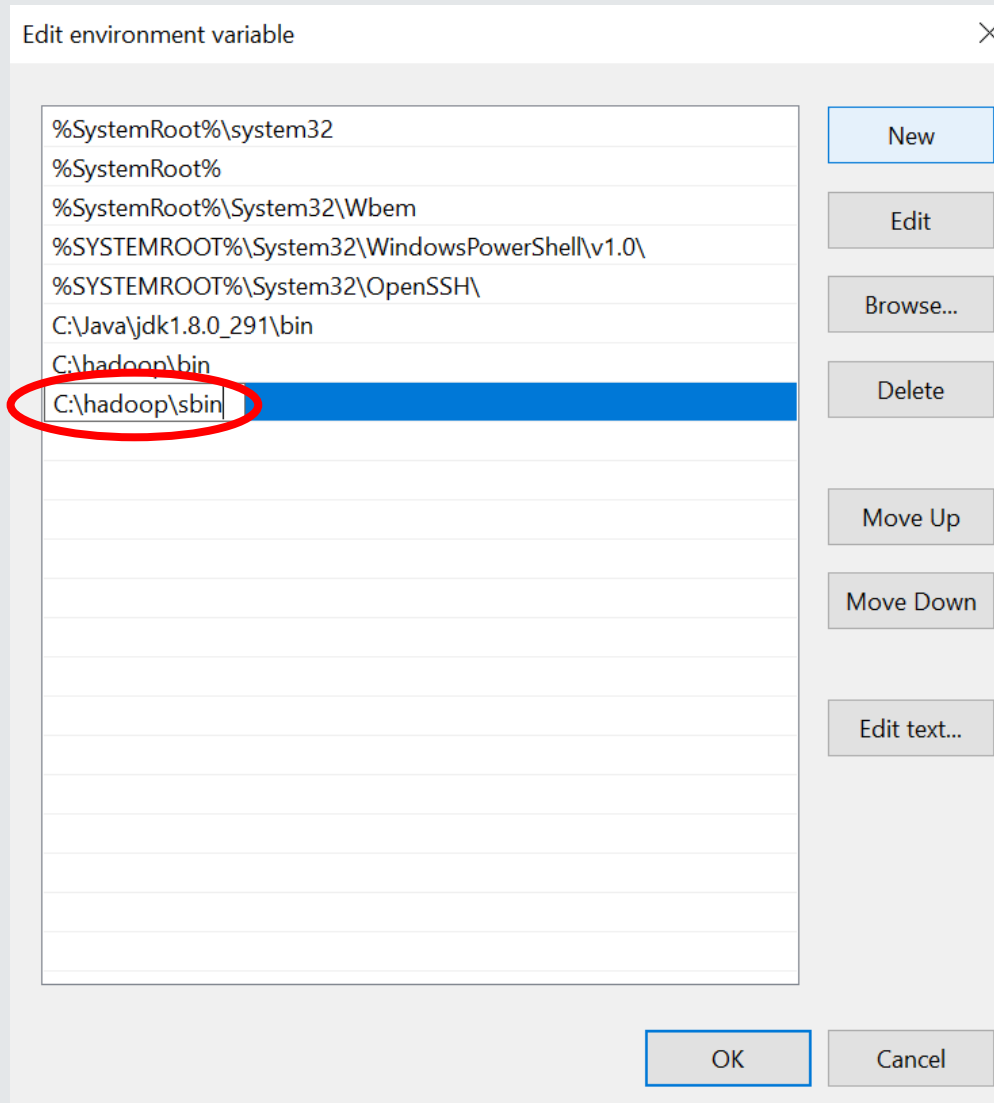


Steps to install Hadoop

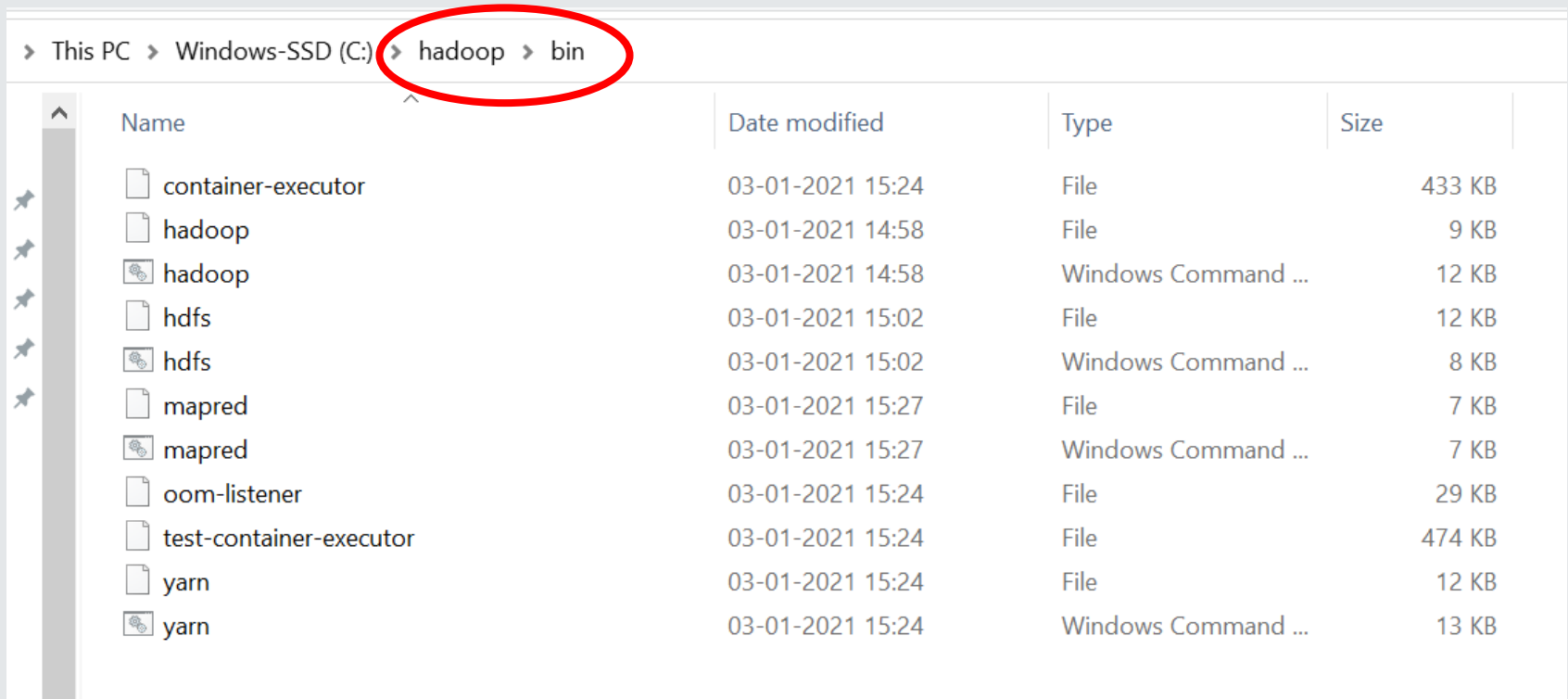


| Name | Date modified | Type | Size |
|-------------------------|------------------|---------------------|------|
| FederationStateStore | 03-01-2021 15:24 | File folder | |
| distribute-exclude.sh | 03-01-2021 15:02 | SH File | 3 KB |
| hadoop-daemon.sh | 03-01-2021 14:58 | SH File | 2 KB |
| hadoop-daemons.sh | 03-01-2021 14:58 | SH File | 3 KB |
| httpfs.sh | 03-01-2021 15:03 | SH File | 2 KB |
| kms.sh | 03-01-2021 14:59 | SH File | 2 KB |
| mr-jobhistory-daemon.sh | 03-01-2021 15:27 | SH File | 2 KB |
| refresh-namenodes.sh | 03-01-2021 15:02 | SH File | 3 KB |
| start-all | 03-01-2021 14:58 | Windows Command ... | 2 KB |
| start-all.sh | 03-01-2021 14:58 | SH File | 3 KB |

Steps to install Hadoop



Steps to install Hadoop







The screenshot shows a Windows File Explorer window with the address bar displaying the path: > This PC > Windows-SSD (C:) > **hadoop** > bin. The 'hadoop' folder is circled in red. The main pane shows a list of files and folders in the 'bin' directory.

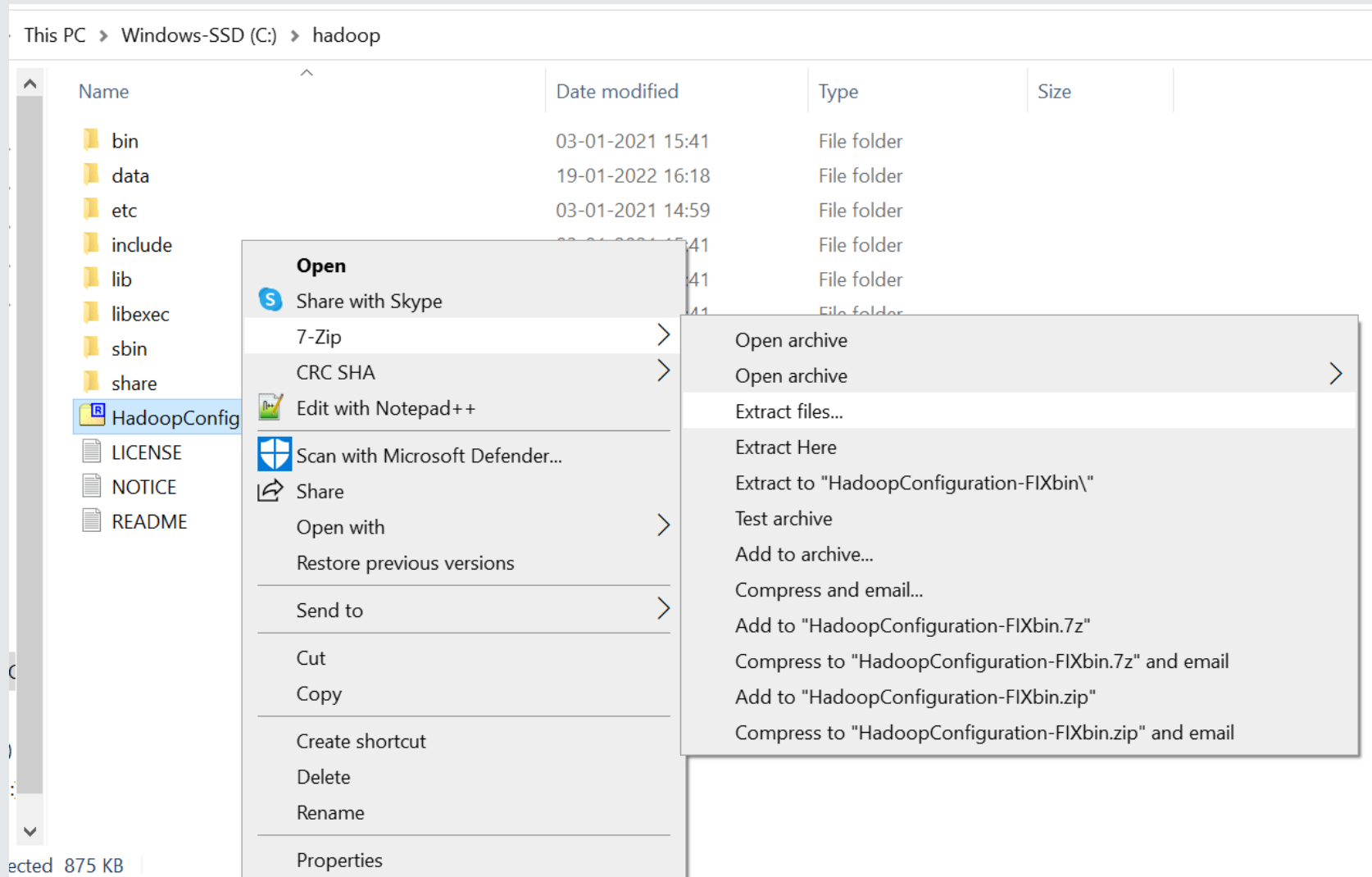
| Name | Date modified | Type | Size |
|-------------------------|------------------|---------------------|--------|
| container-executor | 03-01-2021 15:24 | File | 433 KB |
| hadoop | 03-01-2021 14:58 | File | 9 KB |
| hadoop | 03-01-2021 14:58 | Windows Command ... | 12 KB |
| hdfs | 03-01-2021 15:02 | File | 12 KB |
| hdfs | 03-01-2021 15:02 | Windows Command ... | 8 KB |
| mapred | 03-01-2021 15:27 | File | 7 KB |
| mapred | 03-01-2021 15:27 | Windows Command ... | 7 KB |
| oom-listener | 03-01-2021 15:24 | File | 29 KB |
| test-container-executor | 03-01-2021 15:24 | File | 474 KB |
| yarn | 03-01-2021 15:24 | File | 12 KB |
| yarn | 03-01-2021 15:24 | Windows Command ... | 13 KB |

Steps to install Hadoop

This PC > Windows-SSD (C:) > hadoop >





| Name | Date modified | Type | Size |
|---|------------------|---------------|--------|
| bin | 03-01-2021 15:41 | File folder | |
| data | 19-01-2022 16:18 | File folder | |
| etc | 03-01-2021 14:59 | File folder | |
| include | 03-01-2021 15:41 | File folder | |
| lib | 03-01-2021 15:41 | File folder | |
| libexec | 03-01-2021 15:41 | File folder | |
| sbin | 03-01-2021 14:59 | File folder | |
| share | 03-01-2021 16:16 | File folder | |
|  HadoopConfiguration-FIXbin | 19-01-2022 16:58 | RAR-Archive | 876 KB |
|  LICENSE | 05-12-2020 20:39 | Text Document | 148 KB |
|  NOTICE | 05-12-2020 20:39 | Text Document | 22 KB |
|  README | 05-12-2020 20:39 | Text Document | 2 KB |

Steps to install Hadoop

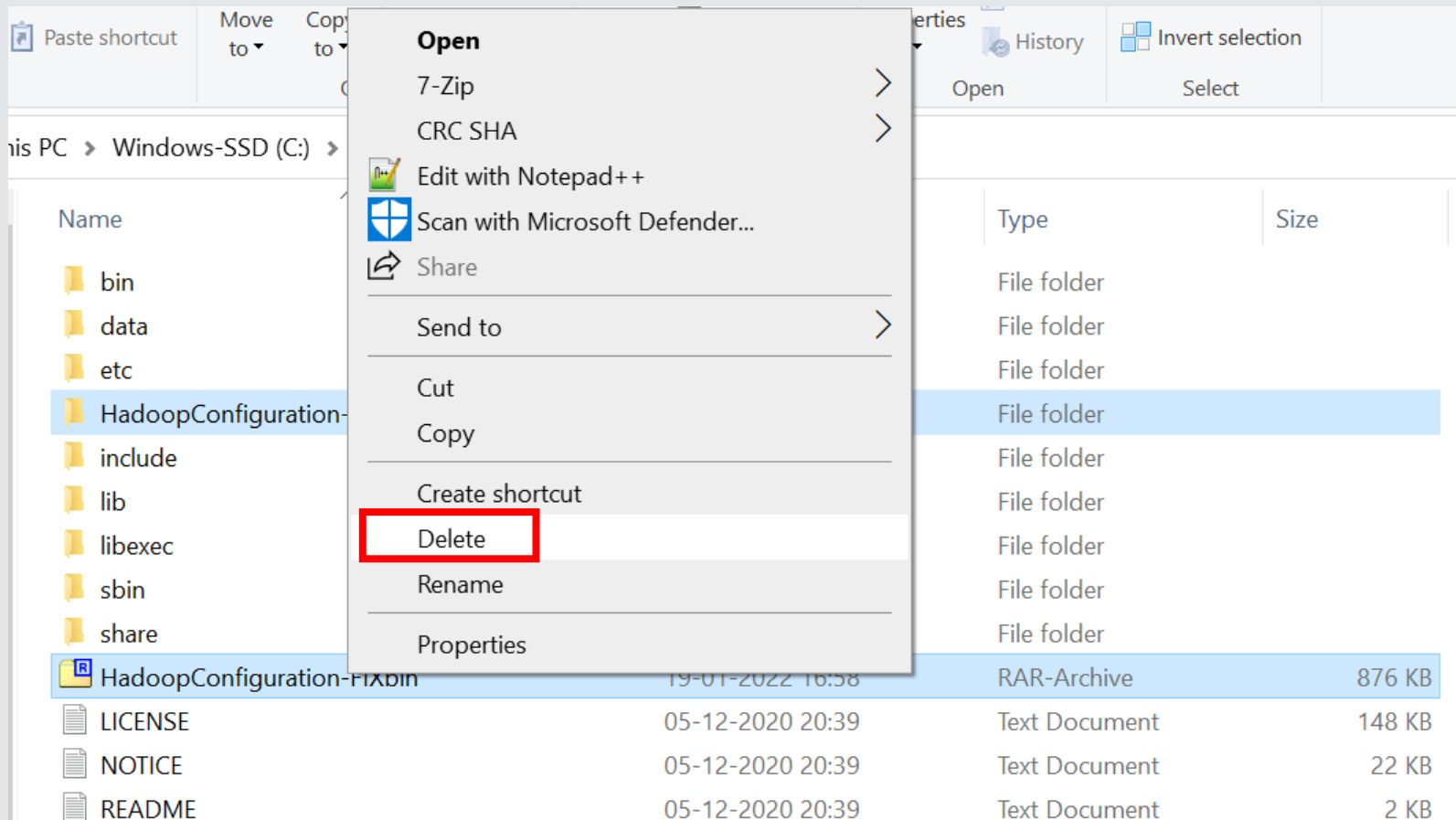


Steps to install Hadoop

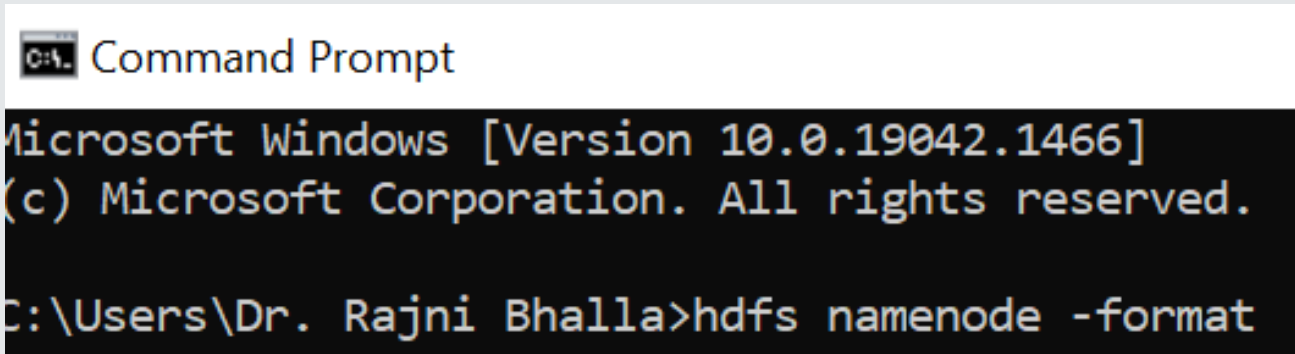
This PC > Windows-SSD (C:) > hadoop >

| Name | Date modified | Type | Size |
|---|------------------|---------------|--------|
| bin | 03-01-2021 15:41 | File folder | |
| data | 19-01-2022 16:18 | File folder | |
| etc | 03-01-2021 14:59 | File folder | |
| HadoopConfiguration-FIXbin | 21-01-2022 10:29 | File folder | |
| include | 03-01-2021 15:41 | File folder | |
| lib | 03-01-2021 15:41 | File folder | |
| libexec | 03-01-2021 15:41 | File folder | |
| sbin | 03-01-2021 14:59 | File folder | |
| share | 03-01-2021 16:16 | File folder | |
|  HadoopConfiguration-FIXbin | 19-01-2022 16:58 | RAR-Archive | 876 KB |
|  LICENSE | 05-12-2020 20:39 | Text Document | 148 KB |
|  NOTICE | 05-12-2020 20:39 | Text Document | 22 KB |
|  README | 05-12-2020 20:39 | Text Document | 2 KB |

Steps to install Hadoop



Steps to install Hadoop



```
C:\> Command Prompt

Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dr. Rajni Bhalla>hdfs namenode -format
```

Steps to install Hadoop

```
at org.apache.hadoop.conf.Configuration$Parser.parseNext(Configuration.java:3336)
at org.apache.hadoop.conf.Configuration$Parser.parse(Configuration.java:3130)
at org.apache.hadoop.conf.Configuration.loadResource(Configuration.java:3023)
at org.apache.hadoop.conf.Configuration.loadResources(Configuration.java:2984)
at org.apache.hadoop.conf.Configuration.loadProps(Configuration.java:2864)
at org.apache.hadoop.conf.Configuration.getProps(Configuration.java:2846)
at org.apache.hadoop.conf.Configuration.get(Configuration.java:1200)
at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1812)
at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1789)
at org.apache.hadoop.util.ShutdownHookManager.getShutdownTimeout(ShutdownHookManager.java:183)
at org.apache.hadoop.util.ShutdownHookManager.shutdownExecutor(ShutdownHookManager.java:145)
at org.apache.hadoop.util.ShutdownHookManager.access$300(ShutdownHookManager.java:65)
at org.apache.hadoop.util.ShutdownHookManager$1.run(ShutdownHookManager.java:102)
Exception in thread "Thread-0" java.lang.RuntimeException: com.ctc.wstx.exc.WstxParsingException: Unexpected close tag </configuration>
[row,col,system-id]: [23,15,"file:/C:/hadoop/etc/hadoop/core-site.xml"]
at org.apache.hadoop.conf.Configuration.loadResource(Configuration.java:3040)
at org.apache.hadoop.conf.Configuration.loadResources(Configuration.java:2984)
at org.apache.hadoop.conf.Configuration.loadProps(Configuration.java:2864)
at org.apache.hadoop.conf.Configuration.getProps(Configuration.java:2846)
at org.apache.hadoop.conf.Configuration.get(Configuration.java:1200)
at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1812)
at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1789)
at org.apache.hadoop.util.ShutdownHookManager.getShutdownTimeout(ShutdownHookManager.java:183)
at org.apache.hadoop.util.ShutdownHookManager.shutdownExecutor(ShutdownHookManager.java:145)
at org.apache.hadoop.util.ShutdownHookManager.access$300(ShutdownHookManager.java:65)
at org.apache.hadoop.util.ShutdownHookManager$1.run(ShutdownHookManager.java:102)
Caused by: com.ctc.wstx.exc.WstxParsingException: Unexpected close tag </configuration>; expected </property>.
[row,col,system-id]: [23,15,"file:/C:/hadoop/etc/hadoop/core-site.xml"]
at com.ctc.wstx.sr.StreamScanner.constructWfcException(StreamScanner.java:621)
at com.ctc.wstx.sr.StreamScanner.throwParseError(StreamScanner.java:491)
at com.ctc.wstx.sr.StreamScanner.throwParseError(StreamScanner.java:475)
at com.ctc.wstx.sr.BasicStreamReader.reportWrongEndElem(BasicStreamReader.java:3365)
at com.ctc.wstx.sr.BasicStreamReader.readEndElem(BasicStreamReader.java:3292)
at com.ctc.wstx.sr.BasicStreamReader.nextFromTree(BasicStreamReader.java:2911)
at com.ctc.wstx.sr.BasicStreamReader.next(BasicStreamReader.java:1123)
at org.apache.hadoop.conf.Configuration$Parser.parseNext(Configuration.java:3336)
at org.apache.hadoop.conf.Configuration$Parser.parse(Configuration.java:3130)
at org.apache.hadoop.conf.Configuration.loadResource(Configuration.java:3023)
... 10 more
```

Steps to install Hadoop

```
C:\Users\Dr. Rajni Bhalla>hdfs namenode -format
2022-01-21 11:37:41,968 INFO namenode.NameNode: STARTUP_MSG:
*****
STARTUP_MSG: Starting NameNode
STARTUP_MSG: host = LAPTOP-A1FEVWJ/10.33.160.168
STARTUP_MSG: args = [-format]
STARTUP_MSG: version = 3.2.2
STARTUP_MSG: classpath = C:\hadoop\etc\hadoop;C:\hadoop\share\hadoop\common;C:\hadoop\share\hadoop\common\lib\accessors-smart-1.2.jar;C:\hadoop\share\hadoop\common\lib\animal-sniffer-annotations-1.17.jar;C:\hadoop\share\hadoop\common\lib\asm-5.0.4.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-1.11.jar;C:\hadoop\share\hadoop\common\lib\commons-collections-3.2.2.jar;C:\hadoop\share\hadoop\common\lib\commons-compress-1.19.jar;C:\hadoop\share\hadoop\common\lib\commons-configuration2-2.1.1.jar;C:\hadoop\share\hadoop\common\lib\commons-io-2.5.jar;C:\hadoop\share\hadoop\common\lib\commons-lang3-3.7.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-3.6.jar;C:\hadoop\share\hadoop\common\lib\commons-text-1.4.jar;C:\hadoop\share\hadoop\common\lib\curator-client-2.13.0.jar;C:\hadoop\share\hadoop\common\lib\curator-framework-2.13.0.jar;C:\hadoop\share\hadoop\common\lib\curator-recipes-2.13.0.jar;C:\hadoop\share\hadoop\common\lib\dnsjava-2.1.7.jar;C:\hadoop\share\hadoop\common\lib\error_prone_annotations-2.2.0.jar;C:\hadoop\share\hadoop\common\lib\failureaccess-1.0.jar;C:\hadoop\share\hadoop\common\lib\gson-2.2.4.jar;C:\hadoop\share\hadoop\common\lib\guava-27.0-jre.jar;C:\hadoop\share\hadoop\common\lib\hadoop-annotations-3.2.2.jar;C:\hadoop\share\hadoop\common\lib\hadoop-auth-3.2.2.jar;C:\hadoop\share\hadoop\common\lib\htrace-core4-4.1.0-incubating.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-2.9.10.jar;C:\hadoop\share\hadoop\common\lib\jackson-core-2.9.10.jar;C:\hadoop\share\hadoop\common\lib\jackson-core-asl-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\jackson-databind-2.9.10.4.jar;C:\hadoop\share\hadoop\common\lib\jackson-jaxrs-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\jackson-mapper-asl-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\jackson-xc-1.9.13.jar;C:\hadoop\share\hadoop\common\lib\javax.activation-api-1.2.0.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.jar;C:\hadoop\share\hadoop\common\lib\jersey-json-1.19.jar;C:\hadoop\share\hadoop\common\lib\jersey-server-1.19.jar;C:\hadoop\share\hadoop\common\lib\jersey-servlet-1.19.jar;C:\hadoop\share\hadoop\common\lib\jettison-1.1.jar;C:\hadoop\share\hadoop\common\lib\jetty-http-9.4.20.v20190813.jar;C:\hadoop\share\hadoop\common\lib\jetty-io-9.4.20.v20190813.jar;C:\hadoop\share\hadoop\common\lib\jetty-security-9.4.20.v20190813.jar;C:\hadoop\share\hadoop\common\lib\jetty-server-9.4.20.v20190813.jar;C:\hadoop\share\hadoop\common\lib\jetty-servlet-9.4.20.v20190813.jar
```

Steps to install Hadoop

```
C:\Users\Dr. Rajni Bhalla>cd..
```

```
C:\Users>cd..
```

```
C:\>cd hadoop
```

```
C:\hadoop>cd sbin
```

```
C:\hadoop\sbin>_
```


Steps to install Hadoop

```
C:\Users\Dr. Rajni Bhalla>cd..
```

```
C:\Users>cd..
```

```
C:\>cd hadoop
```

```
C:\hadoop>cd sbin
```

```
C:\hadoop\sbin>_
```

Steps to install Hadoop

```
Apache Hadoop Distribution
we are shutting down, so ignoring this
java.lang.RuntimeException: com.ctc.wstx.exc.WstxParsingException: Unexpected close tag </configuration>; expected </property>.
at [row,col,system-id]: [23,15,"file:/C:/hadoop/etc/hadoop/core-site.xml"]
    at org.apache.hadoop.conf.Configuration.loadResource(Configuration.java:3040)
    at org.apache.hadoop.conf.Configuration.loadResources(Configuration.java:2984)
    at org.apache.hadoop.conf.Configuration.loadProps(Configuration.java:2864)
    at org.apache.hadoop.conf.Configuration.getProps(Configuration.java:2846)
    at org.apache.hadoop.conf.Configuration.get(Configuration.java:1200)
    at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1812)
    at org.apache.hadoop.conf.Configuration.getTimeDuration(Configuration.java:1789)
    at org.apache.hadoop.util.ShutdownHookManager.getShutdownTimeout(ShutdownHookManager.java:183)
    at org.apache.hadoop.util.ShutdownHookManager.shutdownExecutor(ShutdownHookManager.java:145)
    at org.apache.hadoop.util.ShutdownHookManager.access$300(ShutdownHookManager.java:65)
    at org.apache.hadoop.util.ShutdownHookManager$1.run(ShutdownHookManager.java:102)
Caused by: com.ctc.wstx.exc.WstxParsingException: Unexpected close tag </configuration>; expected </property>.
at [row,col,system-id]: [23,15,"file:/C:/hadoop/etc/hadoop/core-site.xml"]
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    at com.ctc.wstx.sr.BasicStreamReader.reportWrongEndElem(BasicStreamReader.java:3365)
    at com.ctc.wstx.sr.BasicStreamReader.readEndElem(BasicStreamReader.java:3292)
    at com.ctc.wstx.sr.BasicStreamReader.nextFromTree(BasicStreamReader.java:2911)
    at com.ctc.wstx.sr.BasicStreamReader.next(BasicStreamReader.java:1123)
    at org.apache.hadoop.conf.Configuration$Parser.parseNext(Configuration.java:3336)
    at org.apache.hadoop.conf.Configuration$Parser.parse(Configuration.java:3130)
    at org.apache.hadoop.conf.Configuration.loadResource(Configuration.java:3023)
    ... 10 more

C:\hadoop\sbin>
```



That's all for now...