

1. Download and Install Oracle JDK 11

Oracle JDK 11 is the first LTS (Long Term Support) Java Development Kit since Oracle changed Java release cadence to every 6 months. According to Oracle, JDK 11 will be supported (commercial support) until September 2026.

Head to [Java SE Development Kit 11 Downloads](https://www.oracle.com/java/technologies/downloads/#java11) page and choose the download file appropriate to your operating system. Oracle JDK 11 comes with installers for Linux (rpm and deb), macOS (dmg), Windows (exe) and archive files (tar.gz and zip).

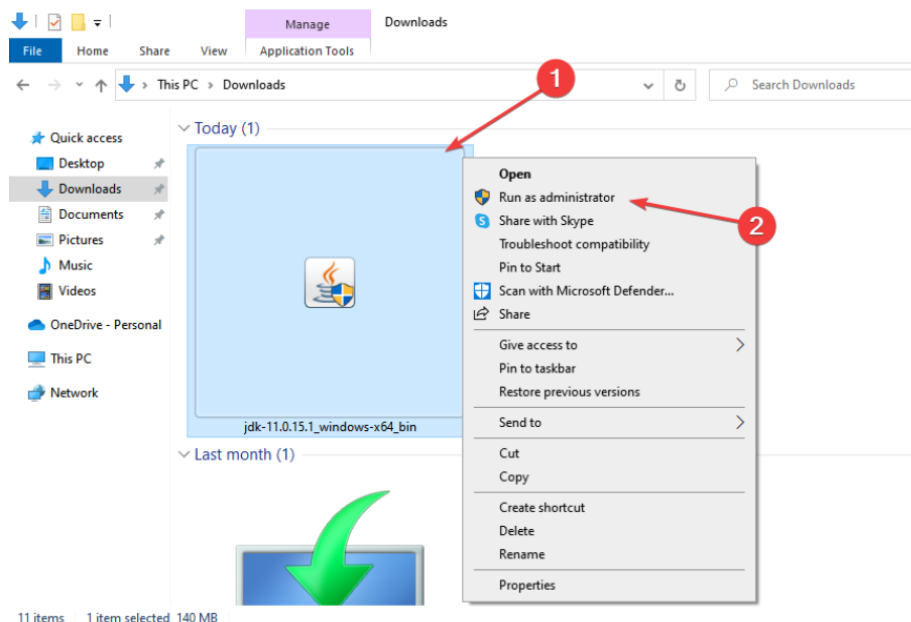
<https://www.oracle.com/java/technologies/downloads/#java11>

1 What is JDK?

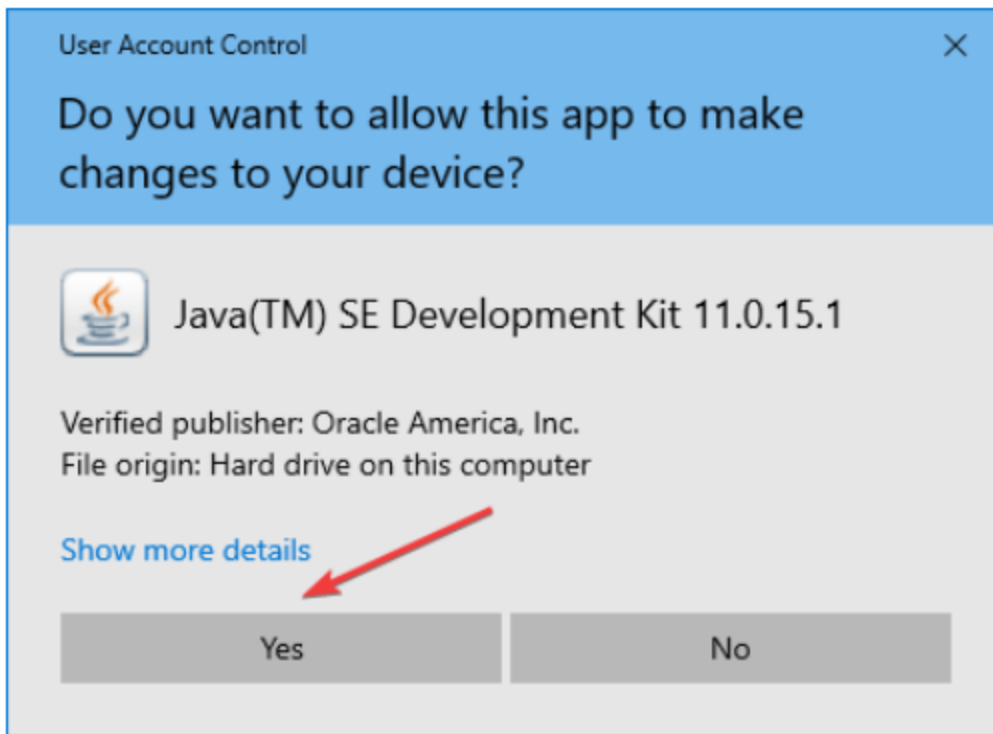
JDK stands for Java Development Kit. The Java development kit contains the environment to develop and execute (run) a Java application. It is a package that comes with the development tools and the JRE(Java Runtime environment).

Linux Debian Package	148.77 MB	jdk-11.0.8_linux-x64_bin.deb
Linux RPM Package	155.45 MB	jdk-11.0.8_linux-x64_bin.rpm
Linux Compressed Archive	172.66 MB	jdk-11.0.8_linux-x64_bin.tar.gz
macOS Installer	166.84 MB	jdk-11.0.8_osx-x64_bin.dmg
macOS Compressed Archive	167.23 MB	jdk-11.0.8_osx-x64_bin.tar.gz
Solaris SPARC Compressed Archive	186.49 MB	jdk-11.0.8_solaris-sparcv9_bin.tar.gz
Windows x64 Installer	151.73 MB	jdk-11.0.8_windows-x64_bin.exe
Windows x64 Compressed Archive	171.16 MB	jdk-11.0.8_windows-x64_bin.zip

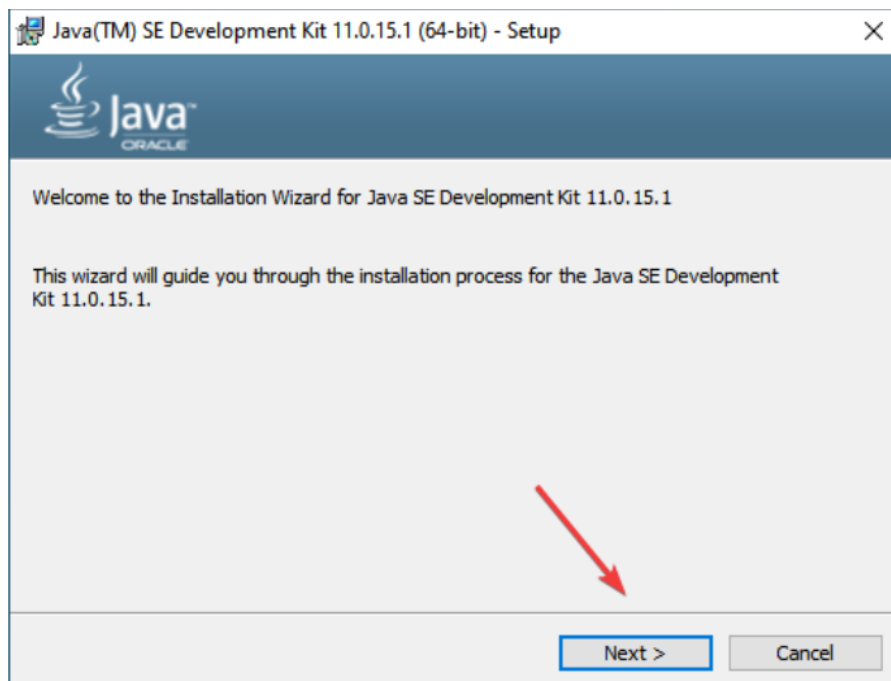
Now, right-click the **jdk-11.0.15.1_windows-x64_bin** (version may differ) file, and select *Run as administrator* from the context menu.



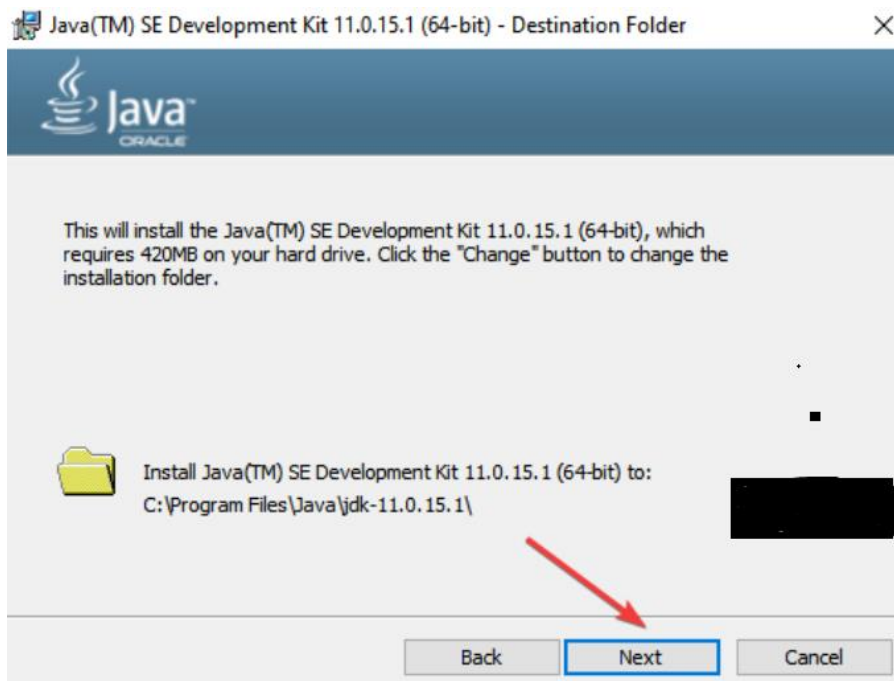
Click **Yes** in the *UAC (User Account Control)* prompt that pops up.



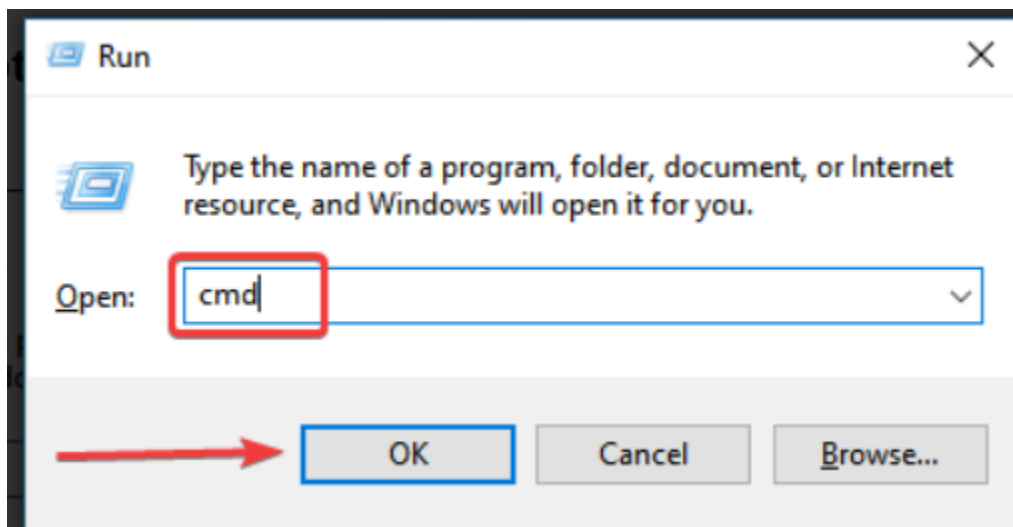
Click the **Next** button.



You can click **Change** to select an alternative folder to install *Java SE 11* or click on **Next** to continue with the default location right away.

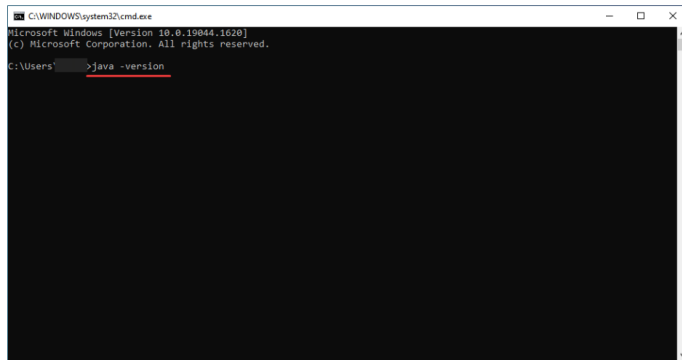


How do I check if JDK 11 is installed on my computer?



Now, type or paste the following command and hit Enter to view the Java version

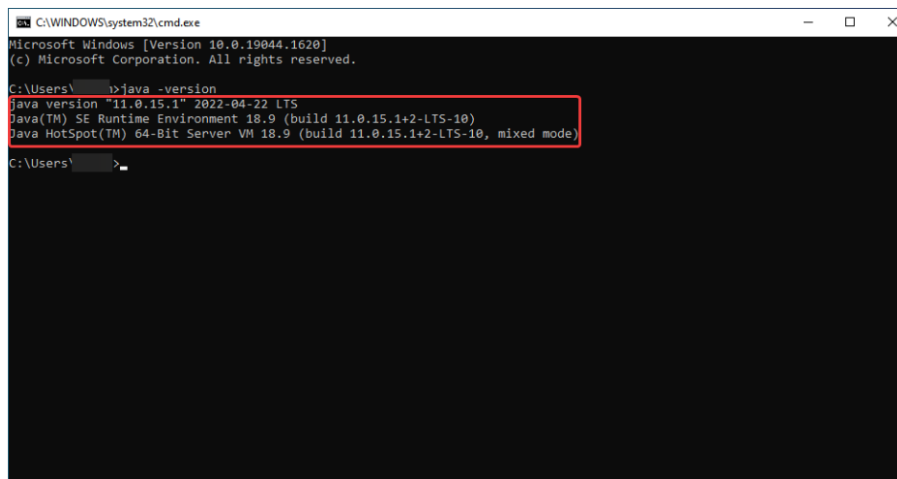
```
java -version
```



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19044.1620]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ >java -version
```

If the *Command Prompt* lists the version number along with other relevant information, you have **JDK** installed on the computer.

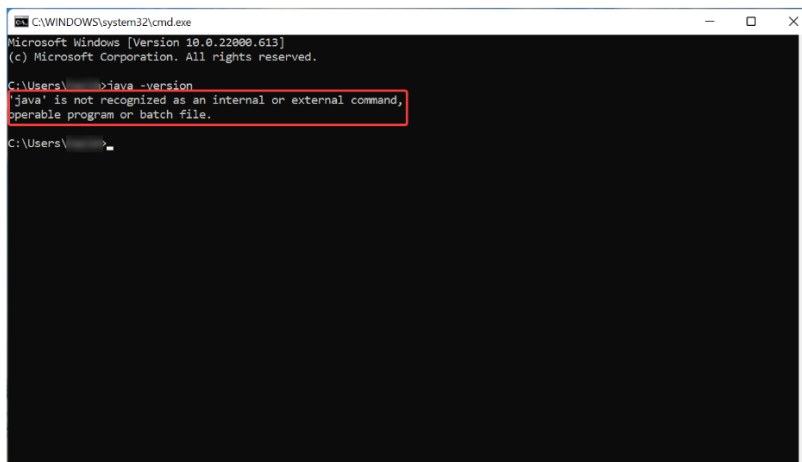


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19044.1620]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ >java -version
java version "11.0.15.1" 2022-04-22 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.15.1+2-LTS-10)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.15.1+2-LTS-10, mixed mode)

C:\Users\ >
```

However, if you receive a response that **'java' is not recognized as an internal or external command, operable program or batch file**, it means that you don't have *JDK* installed yet, and can follow the steps above to get it.



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.613]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ >java -version
'java' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\ >
```

