

Setup Java 17 and Apache NetBeans 19

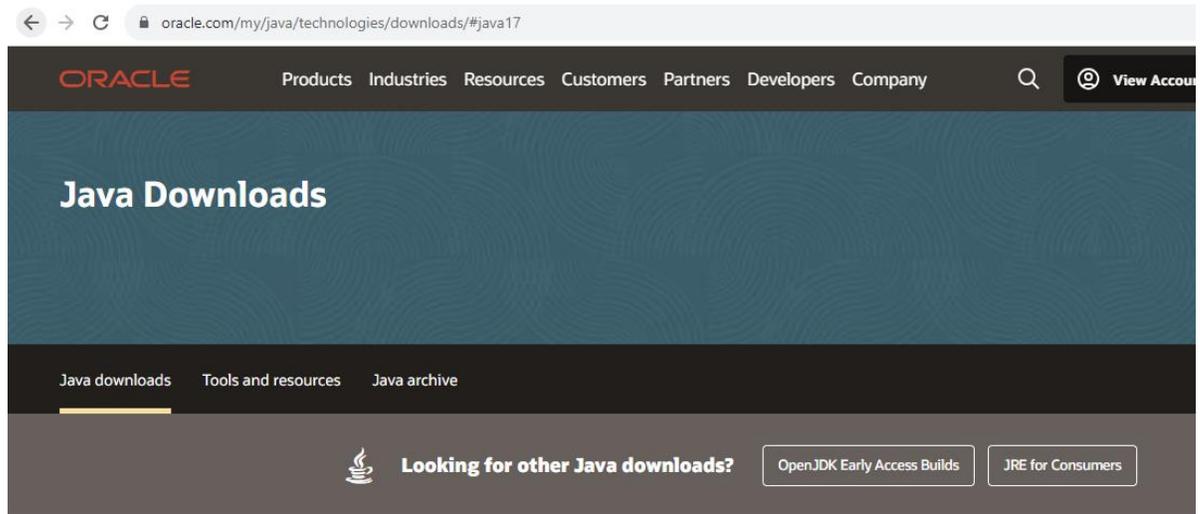
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Part 1: Prepare Java 17

- 1) Go to the following site:

<https://www.oracle.com/my/java/technologies/downloads/#java17>



Java 21 and Java 17 available now

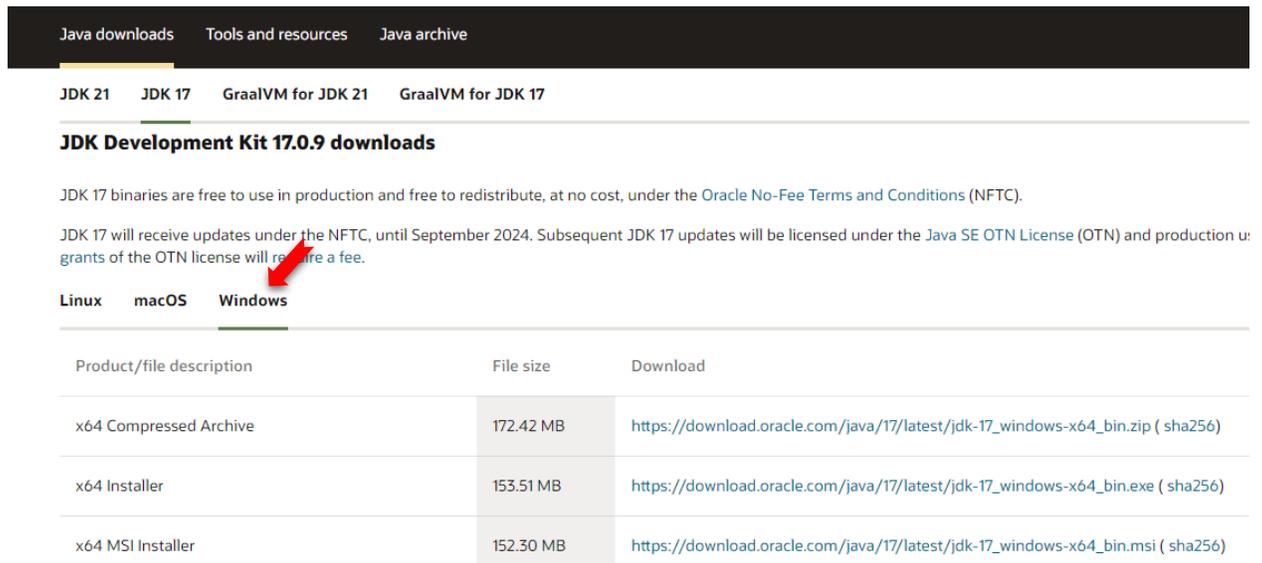
JDK 21 is the latest long-term support release of Java SE Platform.

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[JDK 21](#) [JDK 17](#) [GraalVM for JDK 21](#) [GraalVM for JDK 17](#)

JDK Development Kit 17.0.9 downloads

- 2) Click the “Windows”



JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions \(NFTC\)](#).

JDK 17 will receive updates under the NFTC, until September 2024. Subsequent JDK 17 updates will be licensed under the [Java SE OTN License \(OTN\)](#) and production use grants of the OTN license will require a fee.

[Linux](#) [macOS](#) [Windows](#)

Product/file description	File size	Download
x64 Compressed Archive	172.42 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256)
x64 Installer	153.51 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256)
x64 MSI Installer	152.30 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256)

3) Download the version you need

Java downloads Tools and resources Java archive

JDK 21 **JDK 17** GraalVM for JDK 21 GraalVM for JDK 17

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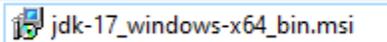
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Linux macOS **Windows**

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x64 MSI Installer	152.30 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256)

4) Upon completion of download, locate the download file (Installer), double click to run the installer



5) Go next

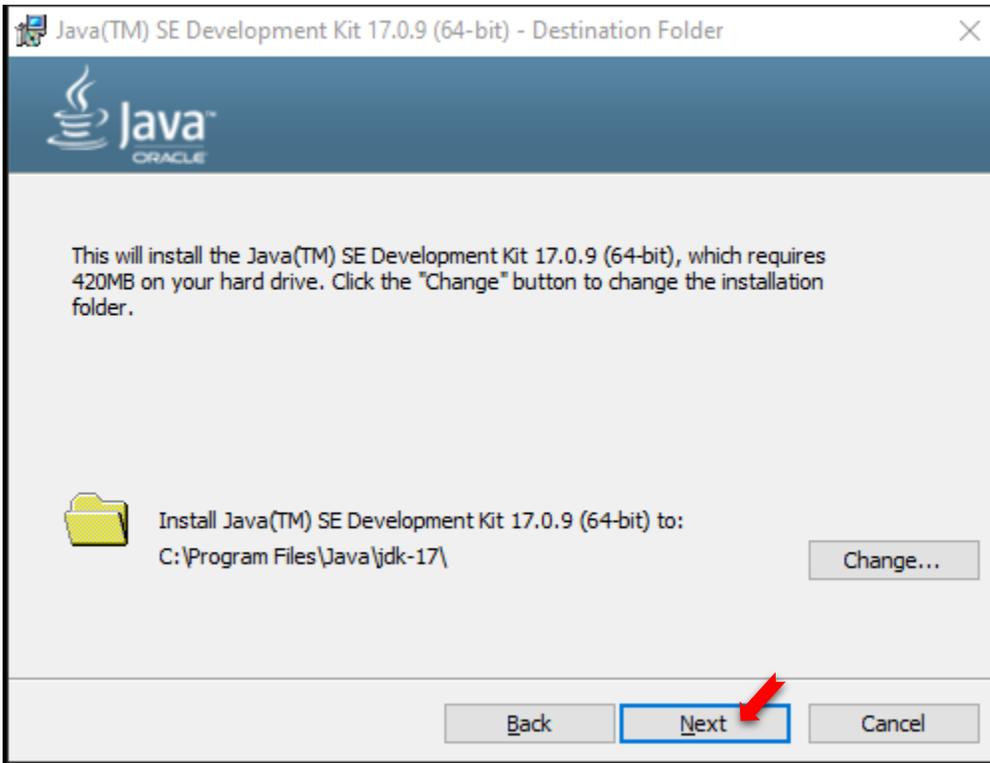
Java(TM) SE Development Kit 17.0.9 (64-bit) - Setup

Welcome to the Installation Wizard for Java SE Development Kit 17.0.9

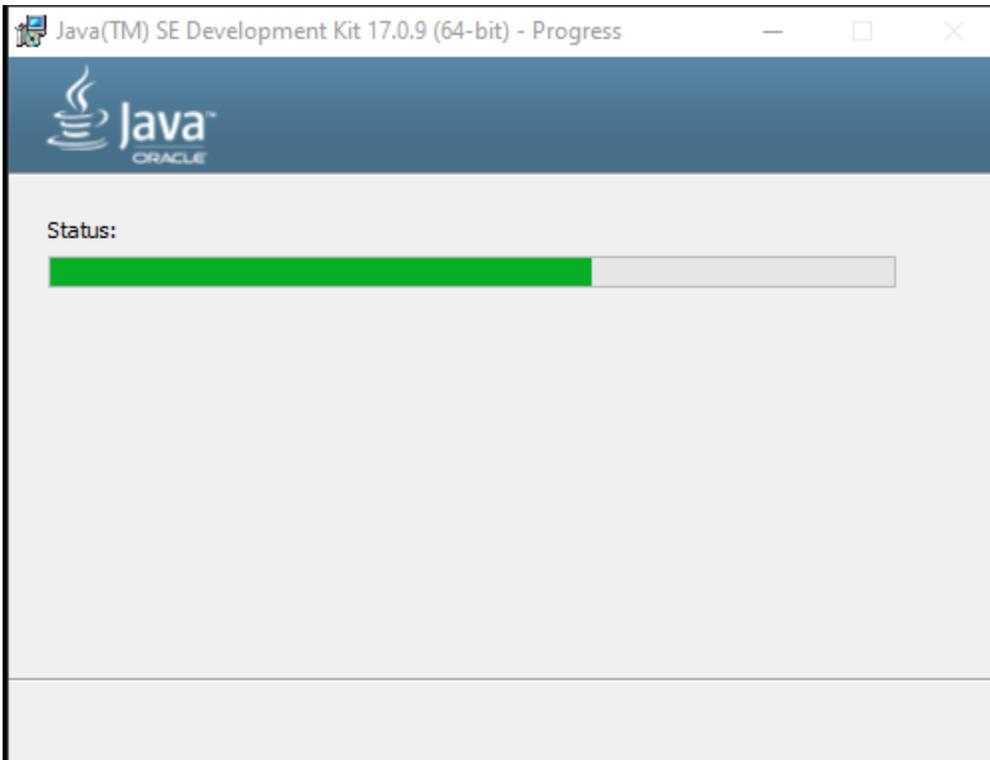
This wizard will guide you through the installation process for the Java SE Development Kit 17.0.9.

Next > Cancel

6) Go Next



7) Wait until finished



8) Click Close



9) Great job! You have done the Java 11 installation.

Part 2: Prepare Apache NetBeans 19

- 1) Go to the following site and click Download button:

<https://netbeans.apache.org/>

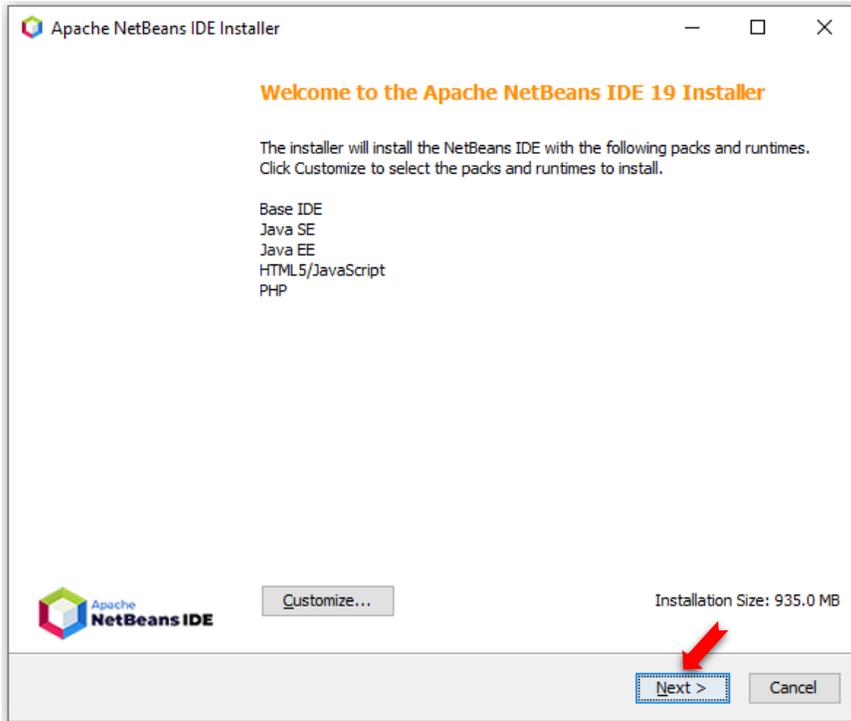
- 2) Under the download page, locate for the Netbeans installer

- 3) Under the linked page, select the link to start download...

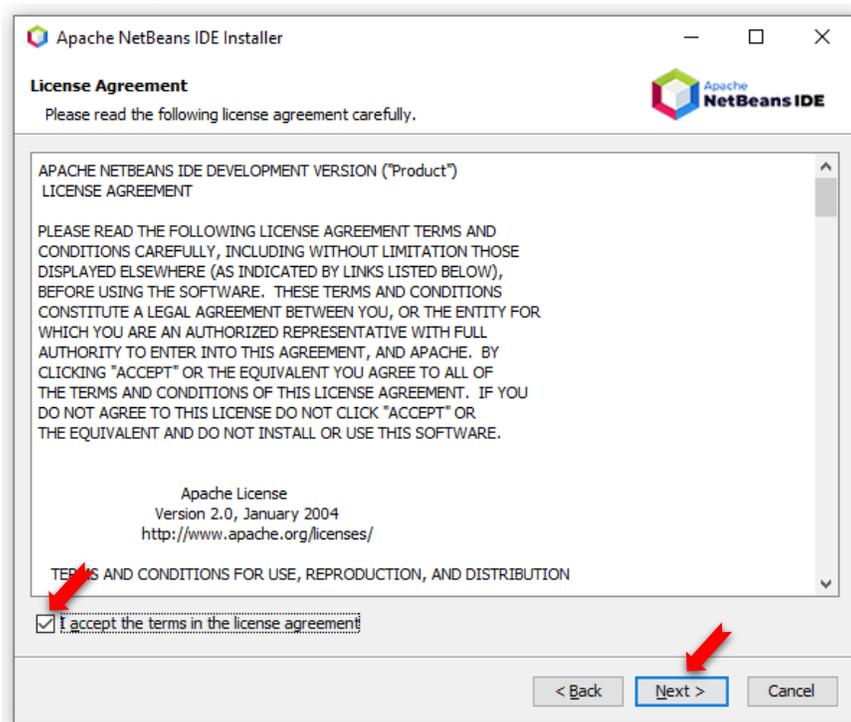
- 4) Upon completion of download, locate the download file (Installer), double click to run the installer

 Apache-NetBeans-19-bin-windows-x64.exe

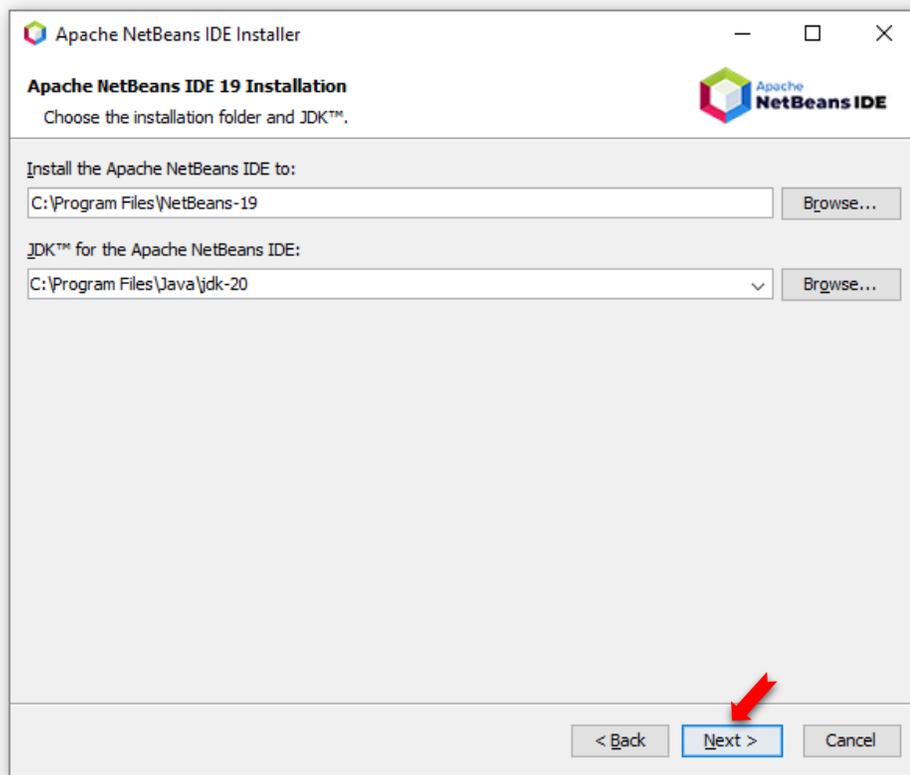
- 5) Just accept all the default settings, click Next button



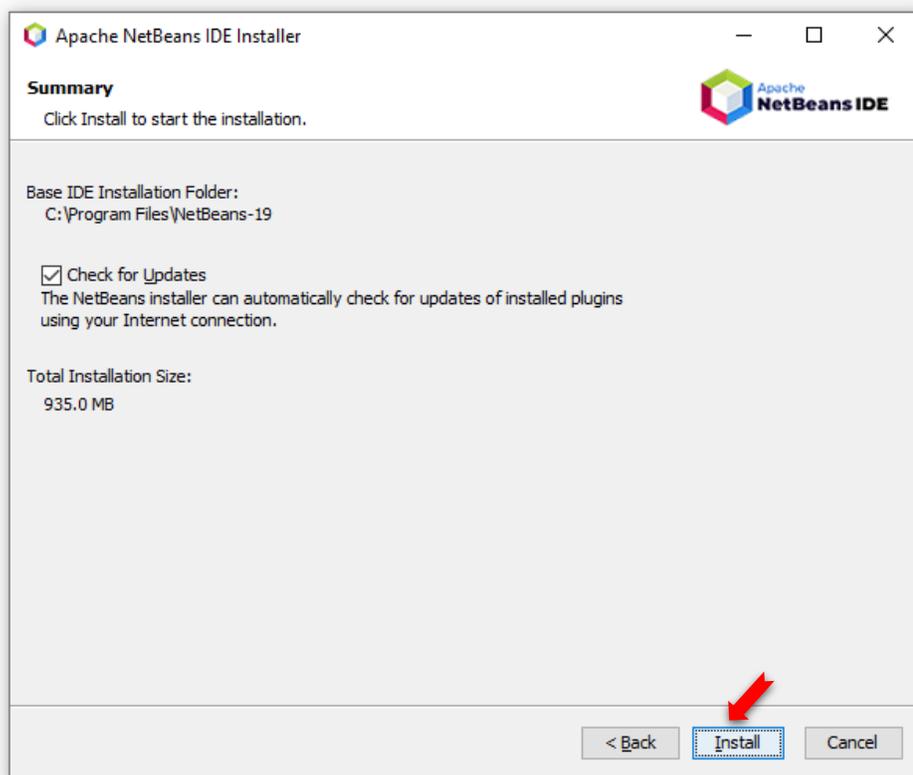
- 6) Accept the agreement, then click Next button



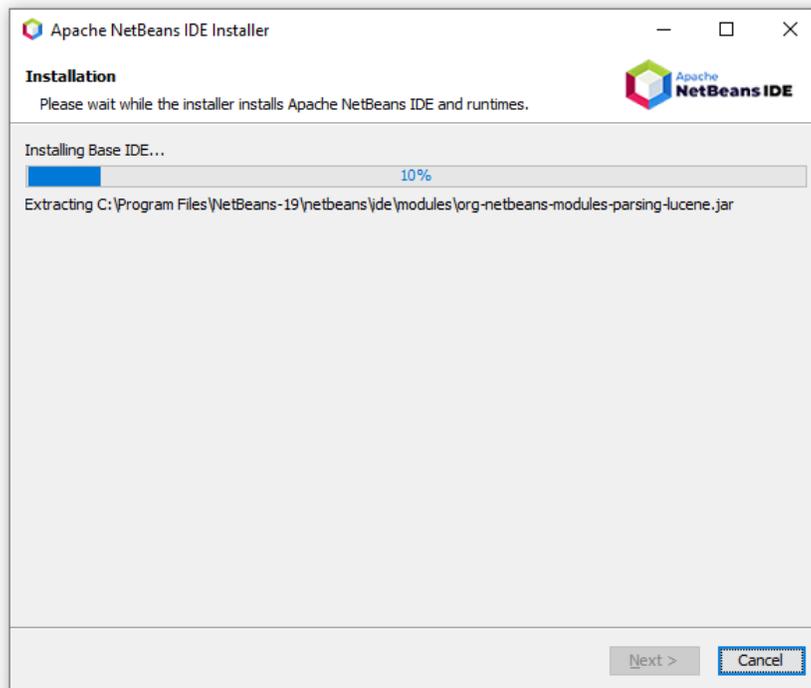
7) Use the default settings. Click Next button



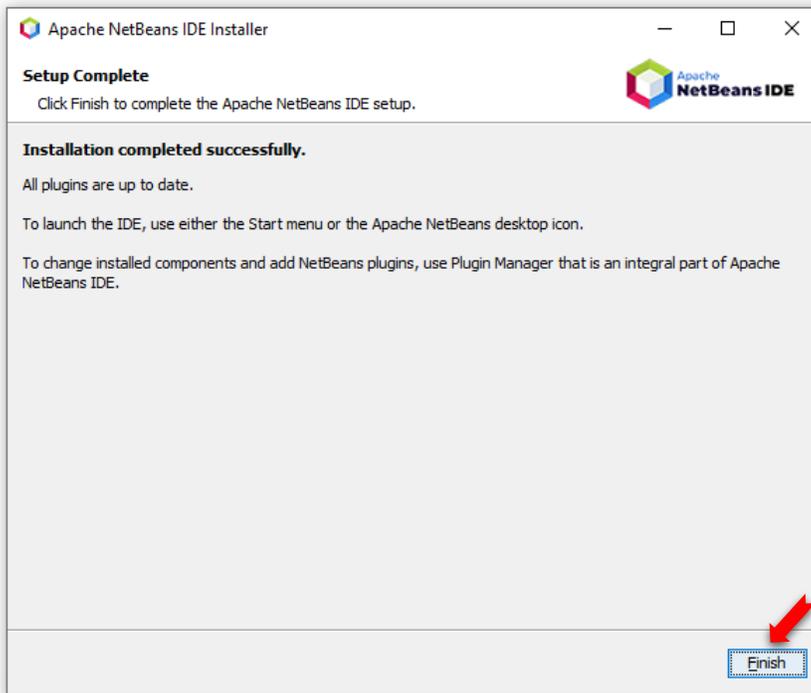
8) Use the default settings. Click Install button to start the installation



9) Just wait until installation is complete



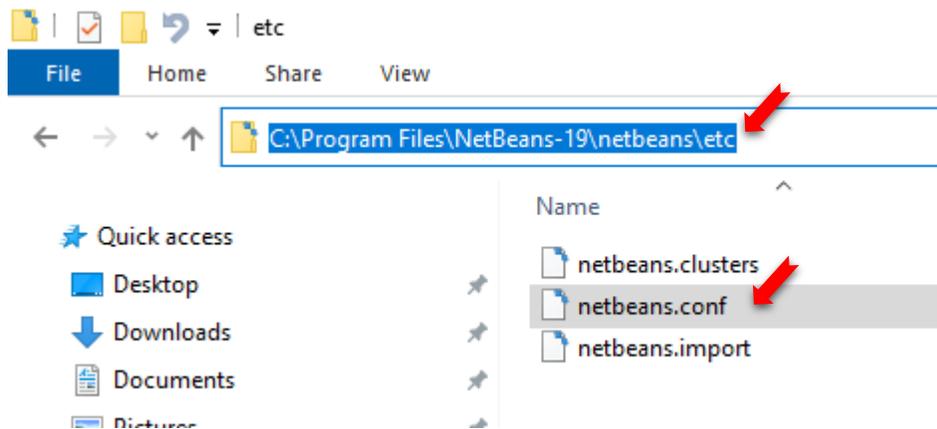
10) Well done. Click Finish button



11) You will be able to find the Apache Netbeans icon at the desktop, or can locate it from the Windows start button



- 12) Go to “C:\Program Files\NetBeans-19\netbeans\etc” and open the “netbeans.conf” file with administrator right.



- 13) Make sure that “netbeans_jdkhome” is set to Java17. If not, modify the Java 17 path and save the file.

```
67
68 # Default location of JDK:
69 # (set by installer or commented out if launcher should decide)
70 #
71 # It can be overridden on command line by using --jdkhome <dir>
72 # Be careful when changing jdkhome.
73 # There are two NetBeans launchers for Windows (32-bit and 64-bit) and
74 # installer points to one of those in the NetBeans application shortcut
75 # based on the Java version selected at installation time.
76 #
77 netbeans_jdkhome="C:\Program Files\Java\jdk-17"
78
79 # Additional module clusters:
80 # using ${path.separator} (';' on Windows or ':' on Unix):
81 #
82 #netbeans_extraclusters="/absolute/path/to/cluster1:/absolute/path/to/cluster2"
83
```

- 14) Start a new Netbean console project and show the Java version with following code:

```
public static void main(String[] args) {
    System.out.println(System.getProperty("java.version"));
}
```