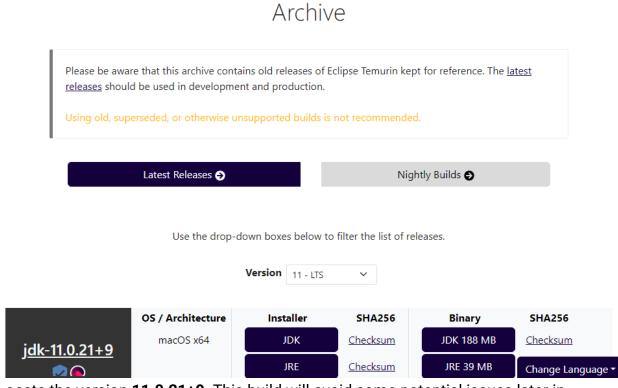# Installing Java Guide for JDK 11
Spring 2025

In this class, we'll be using Java Development Kit (JDK) 11 as we design, write, and execute Java programs.

Downloading the Installer

We'll be getting our version of JDK 11 from Adoptium, which distributes installers for each operating system.

1. Navigate to the following: https://adoptium.net/temurin/archive/?version=11

   You should come to a page that looks like this:

2. Locate the version **11.0.21+9**. This build will avoid some potential issues later in the course. If you run into any problems finding or installing this version, you can instead choose any other JDK 11 version.

3. Under the **Installer** column, find and click the **JDK** button that corresponds to your OS / Architecture

NOTE: Most of you have an x64 architecture. If you have a Mac with an Apple Silicon chip (M1/M2/M3/etc.), however, you have an aarch64 architecture. If you're unsure about what architecture your CPU has, feel free to ask us in class, recitation, or on Ed Discussion.

4. Now, having downloaded the installer, open it and follow its instructions.

Testing our Installation

Once the installer has wrapped up, open a command prompt window. You can do this by searching for "Command Prompt" or "cmd" in Windows, or by running the Terminal app on macOS.

Once you're in, type the following command:

```
javac -version
```

You should see the following output:

```
javac 11.0.21
```

Then, type in this command:

```
java -version
```

You should see this output (or something very similar):

```
openjdk version "11.0.21" 2022-07-19
OpenJDK Runtime Environment Temurin-11.0.21+9 (build 11.0.21+9)
OpenJDK 64-Bit Server VM Temurin-11.0.21+9 (build 11.0.21+9,
mixed mode)
```

If your version numbers match the above (or match the version you downloaded, if you are using a different build), you're good to go!

Congrats! You're all set up for this class.