**Modern Java Course**

**Setup Instructions**

**Overview**

Each student machine, and the instructor machine, must be set up as follows:

* Java SE 17 JDK
* IntelliJ IDEA (Community or Ultimate edition)

**To download and install Java SE 17 JDK**

1. Browse to [**https://www.oracle.com/java/technologies/**](https://www.oracle.com/java/technologies/)
2. In the Newest Downloads section, click the **Java SE 17.xxxx (LTS)** link.
3. In the Java SE Development Kit 17.xxxx page, click the appropriate tab for your operating system (e.g., Windows), and then click the appropriate link to commence download (e.g., for Windows, click the link for **jdk-17\_windows-x64\_bin.exe**.
4. You may be asked to sign in using an Oracle user name and password (if you don't have an Oracle account, click **Sign Up**).
5. After the download is complete, run the JDK Installer.
6. Follow the instructions in the Installer, accepting all defaults, to install the JDK.
7. Set the following environment variables:
   * Set the **JAVA\_HOME** environment variable so that it points to the JDK installation folder.
   * Edit the **PATH** environment variable so that the first location in the path is the Java bin folder.

**To download / install IntelliJ IDEA**

1. Browse to <https://www.jetbrains.com/idea/download/> and click one of the **Download** buttons, to download the Ultimate edition or the Community edition - either is fine.
2. Complete the steps to install either the Ultimate edition or the Community edition.

**Code / labdocs setup**

1. Unzip **ModernJavaDev.zip** onto **C:\** on each machine (creates folder named **ModernJavaDev**).
2. Unzip **Slides.zip** onto **C:\** on each machine (creates folder named **Slides**).
3. Unzip **Labdocs.zip** onto **C:\** on each machine (creates folder named **Labdocs**).