

How to install Java and Eclipse

Two things are needed for writing Java programs in this course: the Java Development Kit (JDK), and a source code editor such as Eclipse. The JDK includes tools that are essential to compiling and running Java programs. Eclipse on the other hand has features to make this easier. For this course, while we recommend using the Eclipse Integrated Development Environment (IDE), you may use other source code editors such as NetBeans.

1- Install the Sun Java JDK

You need to install the Java Standard Edition (SE) development kit (JDK). Follow the following process to reach the download link:

1. Navigate to the [Java SE JDK](#) download page.
2. Click the big “Java Download” button.
3. In the new page, click to accept the license agreement.
4. Click to download the JDK package that fits your operating system.
5. Wait for your download to finish.
6. Run the installer and follow the directions. Accept the default settings.

2- Install Eclipse

You want the Eclipse IDE for Java developers. Follow the following process to reach the download link:

1. Go to the download page for [Eclipse IDE](#).
2. Choose your operating system from the top right list.
3. Download Eclipse IDE for Java Developers.
4. Extract the zip file that you downloaded, and move the ‘eclipse’ folder to C:\Program Files.
5. Start Eclipse by double clicking on eclipse.exe.