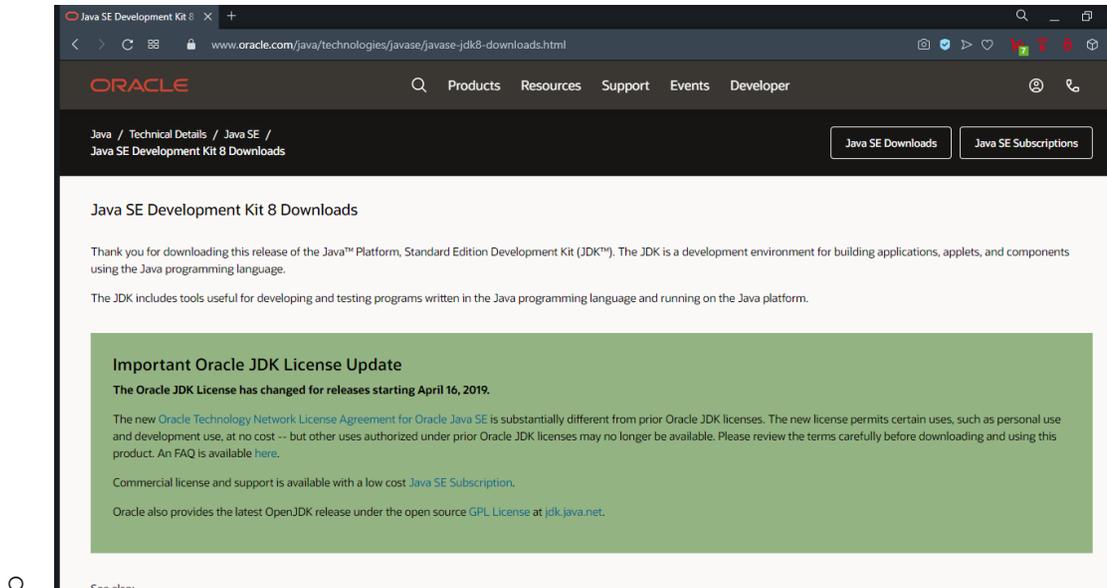


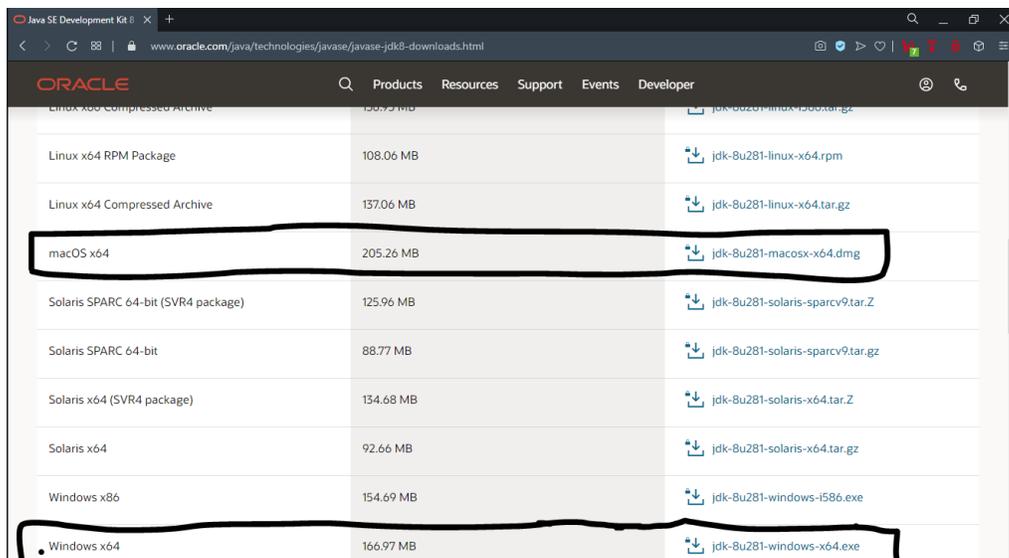
How to Download and Install Eclipse

Step 1: Install Java JDK 8

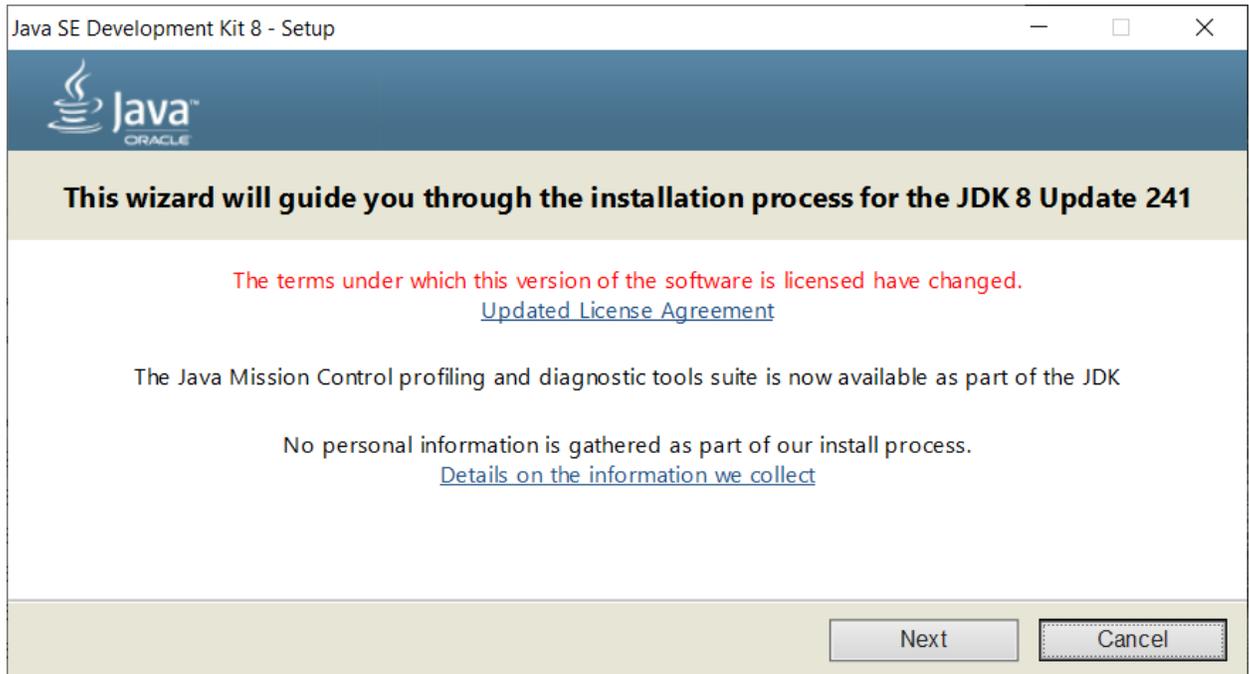
- Go to Oracle website to download Java JDK 8
 - <https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html>



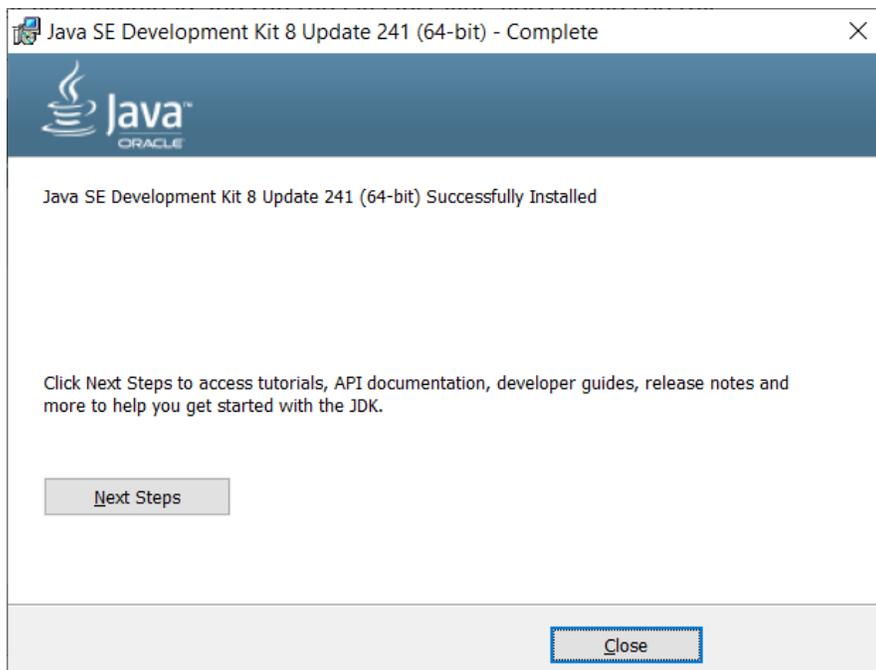
- Scroll down and select the appropriate link for your Operating System



- You will need to create an account for Oracle, for the boxes you do not want to fill out, just put “na”.
- After you download and run the java installer, you should see this



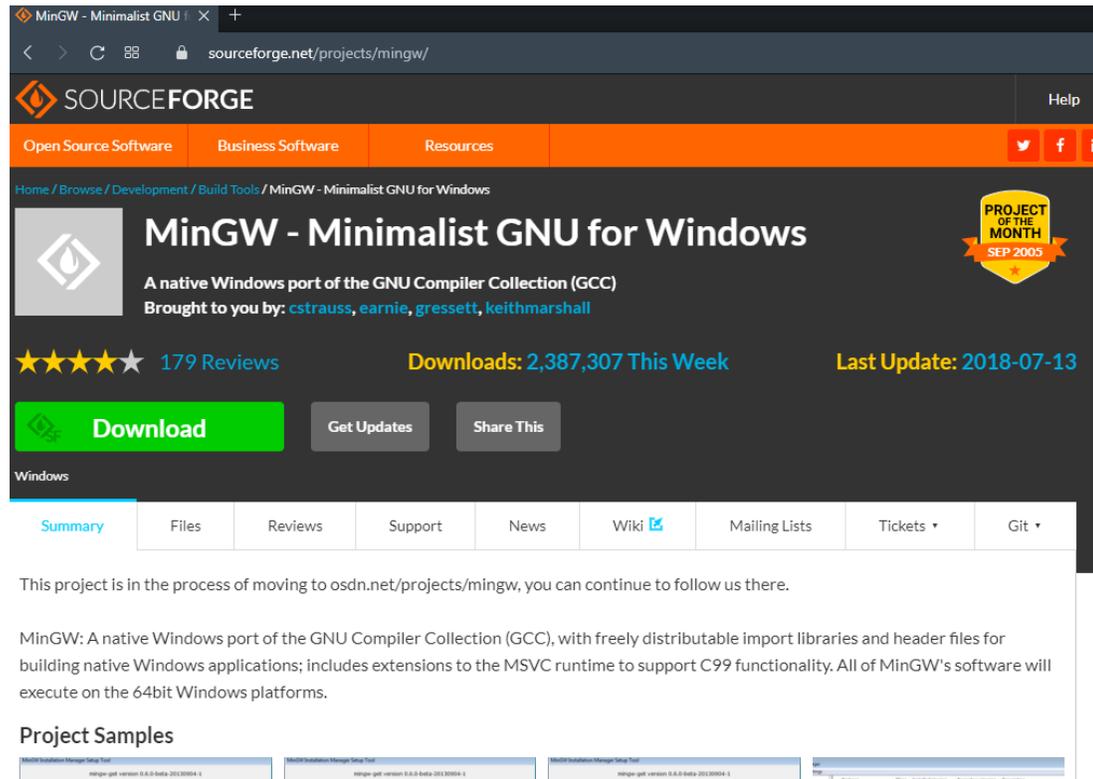
- Accept all defaults and keep clicking next until you see this screen, then click close



Step 2: Installing Mingw

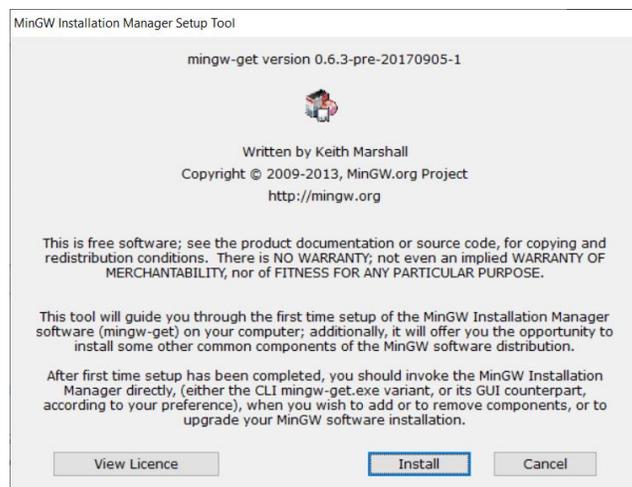
- Download MingW for windows:

<https://sourceforge.net/projects/mingw/files/latest/download>

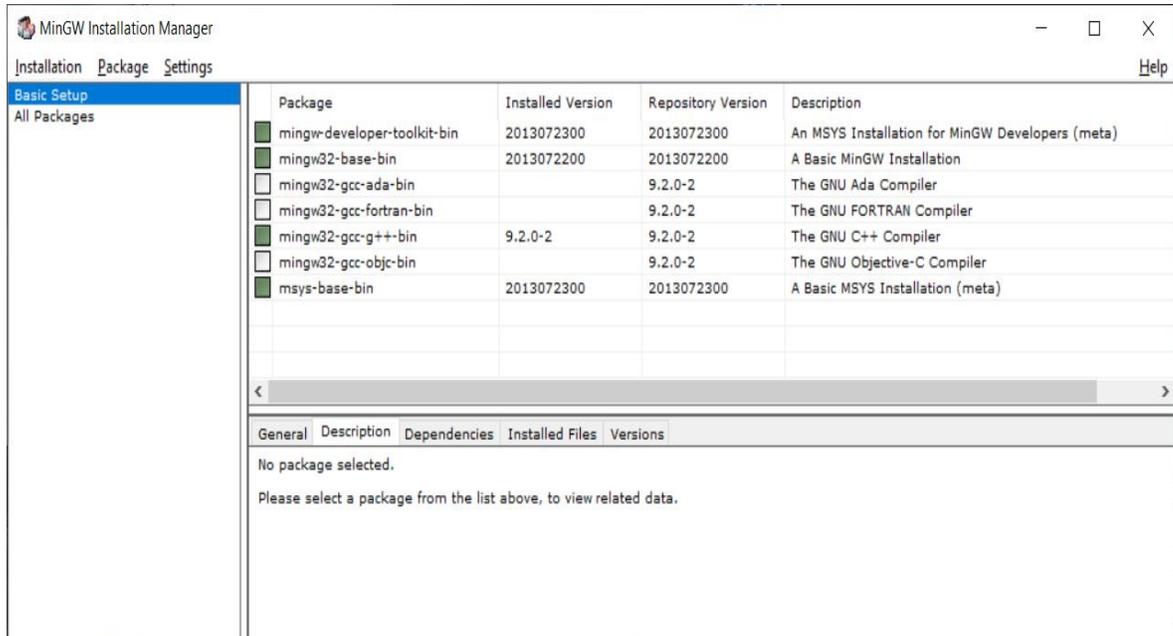


The screenshot shows the SourceForge project page for MinGW. The page features the SourceForge logo, navigation tabs for Open Source Software, Business Software, and Resources, and social media icons. The main heading is "MinGW - Minimalist GNU for Windows", with a sub-heading "A native Windows port of the GNU Compiler Collection (GCC)". It lists contributors: cstrauss, earnie, gressett, keithmarshall. The page also displays a "PROJECT OF THE MONTH SEP 2005" badge, a star rating of 4.5 stars with 179 reviews, and download statistics: "Downloads: 2,387,307 This Week" and "Last Update: 2018-07-13". There are buttons for "Download", "Get Updates", and "Share This". Below the main content, there are tabs for Summary, Files, Reviews, Support, News, Wiki, Mailing Lists, Tickets, and Git. A notice states: "This project is in the process of moving to osdn.net/projects/mingw, you can continue to follow us there." A description follows: "MinGW: A native Windows port of the GNU Compiler Collection (GCC), with freely distributable import libraries and header files for building native Windows applications; includes extensions to the MSVC runtime to support C99 functionality. All of MinGW's software will execute on the 64bit Windows platforms." A section titled "Project Samples" shows four small thumbnail images of MinGW installation manager setup tools.

- After downloading, run the installer.
- This screen should come up, click install and accept defaults



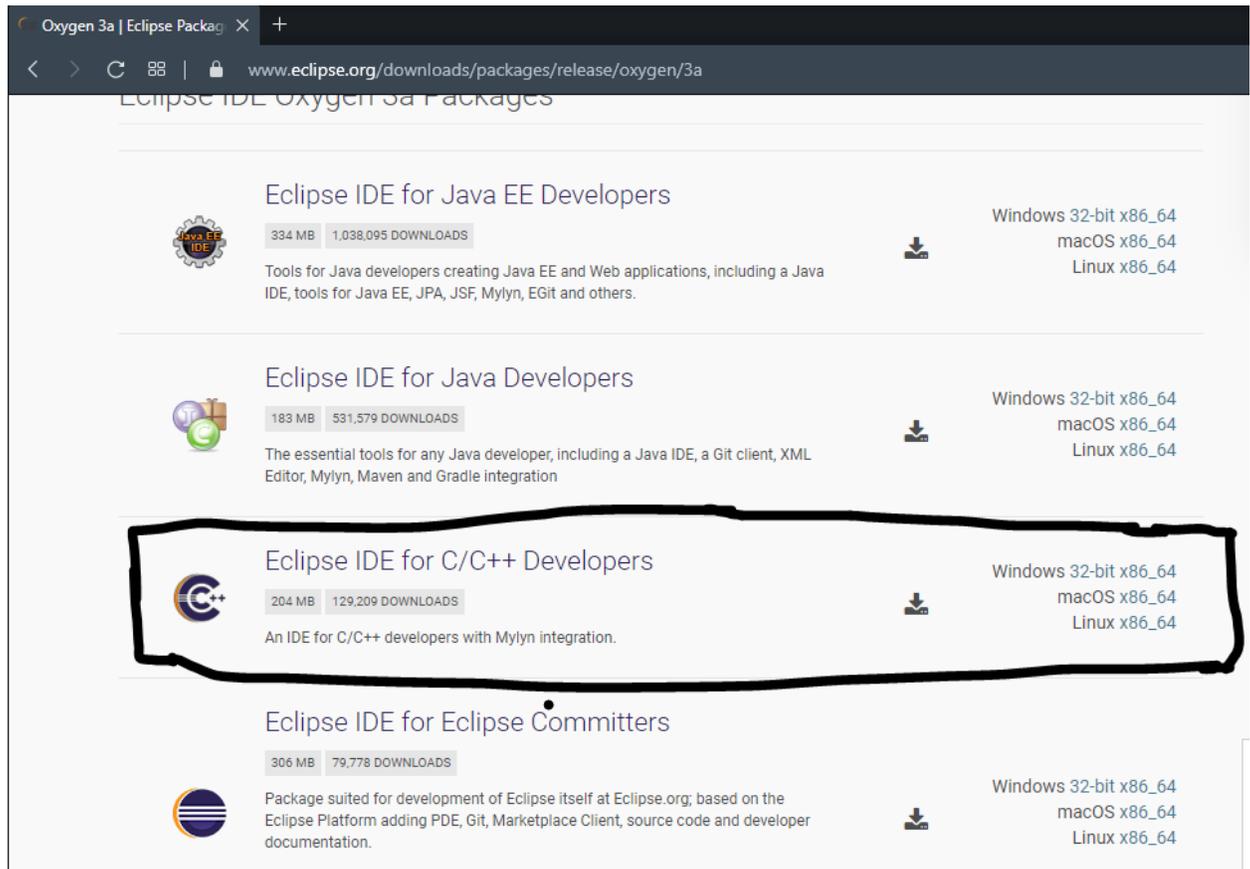
- Continue on until you reach this screen, mark each of these packages that have a green box shown here for install



- Once those four packages are marked for install, go to the top left corner and under "Installation", click "Apply Changes".
- Continue on and let the packages download, once done select finish/close

Step 3: Installing Eclipse

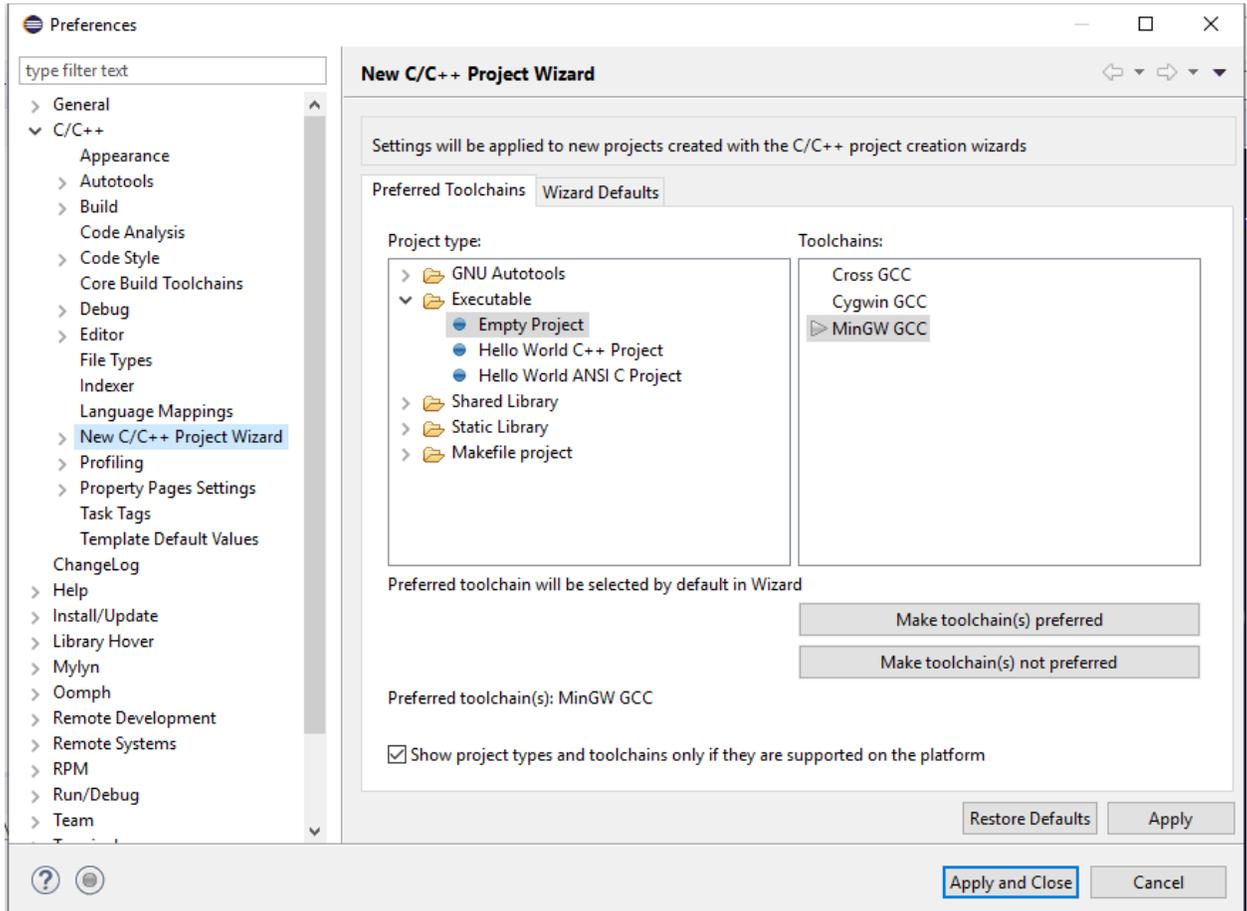
- Go to <https://www.eclipse.org/downloads/packages/release/oxygen/3a>
- Click the following download button



- A zip folder with Eclipse Oxygen will download
- After it is downloaded, extract or unzip the content from the zipped file
- Navigate to eclipse.exe to run eclipse

Step 4: Set MingW as default compiler when creating new projects

- Go to Windows -> Preferences
- In Preference window select C/C++ -> New C/C++ Project
- In the toolchain box select MinGW GCC
- Click button “Make toolchain(s) Preferred” and an arrow pointing MinGW GCC should appear
- Click “Apply and Close”



- Now when creating a new project, MinGW GCC should be selected for you