1. Go to D2L > COMP1510 > Assignments and download **Comp1510-assign-1-template**.
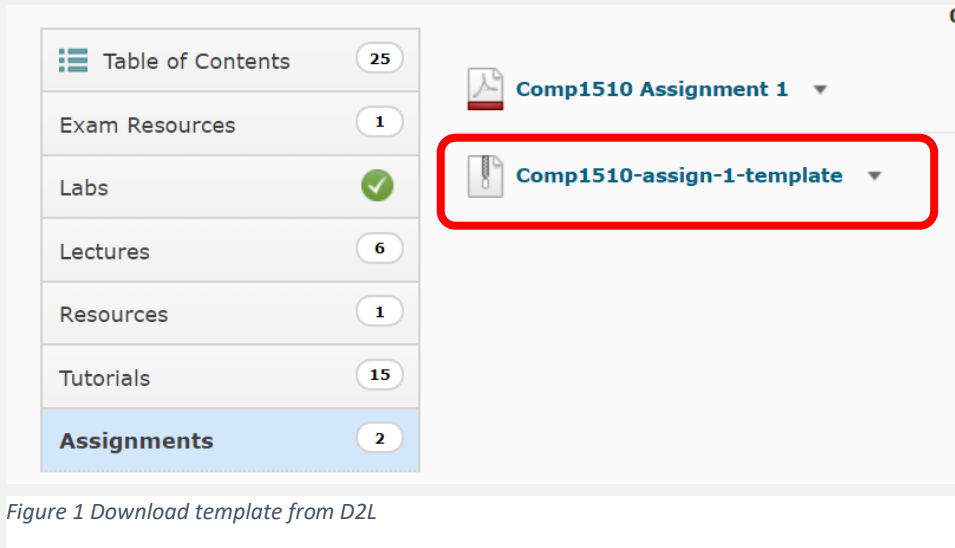

Figure 1 Download template from D2L

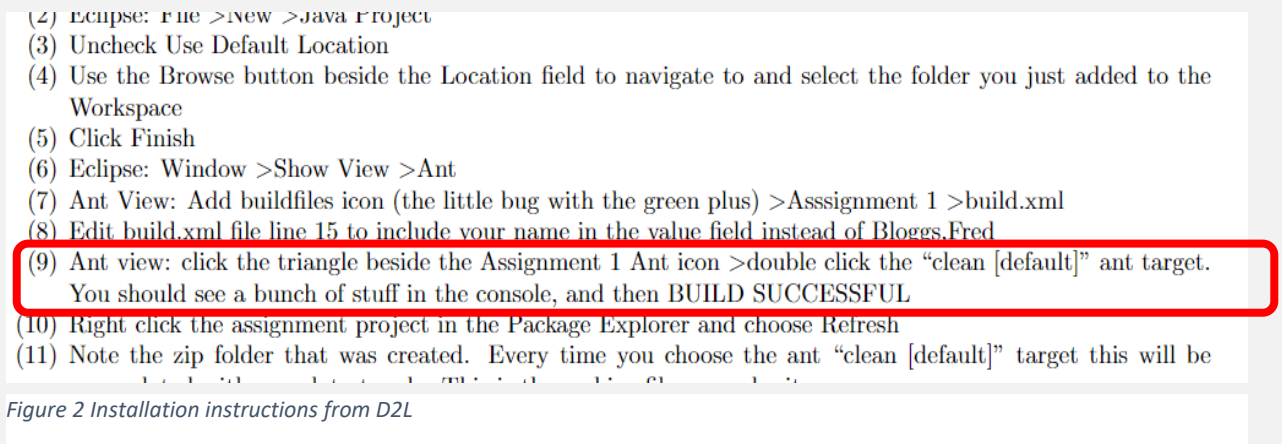2. Follow the "How to Install" instructions up to #9.

Figure 2 Installation instructions from D2L

3. If you attempt to double click the "clean [default]" target, the console window will complain and give you a **BUILD UNSUCCESSFUL** message.

   I looked online and user **stolsvik** came up with a solution (source).

   Click **Run** from the navigation bar in Eclipse.

Figure 3 Eclipse navigation bar

4. External tools > External Tools Configuration

Figure 4 Options after clicking 'Run' in Eclipse

5. Ant Build > COMP1510-assign-1-template > JRE tab

Figure 5 Ant build options

6. Separate JRE > jdk-9.0.1 > Apply > Run

○ Run in the same JRE as the workspace
○ Execution environment:
◉ Separate JRE: jdk-9.0.1
VM arguments:

Working directory:
◉ Default: C:\EclipseWorkspace\Comp1510-assign-1-template
○ Other:

Revert

Run

Figure 6 External Tools Configuration options

7. Double click **clean [default]** in the Ant window you opened earlier, and you should see **BUILD SUCCESSFUL** in your console.

NOTE: This should work even though jdk-9.0.1 does not contain tools.jar

<terminated> Comp1510-assign-1-template build.xml [Ant Build] C:\Program Files\Java\jdk-9.0.1\bin\javaw.e
        [jar] Building jar: C:\EclipseWorkspace\Comp1510-assign-1-template\dis
        [echo] Creating JAR for project 5
        [jar] Building jar: C:\EclipseWorkspace\Comp1510-assign-1-template\dis
zipsrc:
        [zip] Building zip: C:\EclipseWorkspace\Comp1510-assign-1-template\Yau
checkstyle:
[checkstyle] Running Checkstyle 6.10 on 5 files
        [xslt] Processing C:\EclipseWorkspace\Comp1510-assign-1-template\report
        [xslt] Loading stylesheet C:\EclipseWorkspace\Comp1510-assign-1-templat
clean:
        [delete] Deleting directory C:\EclipseWorkspace\Comp1510-assign-1-templat
BUILD SUCCESSFUL
Total time: 3 seconds

> build
> checkstyle
> clean [default]
> compile
> javadoc
> runall
> runproject1
> runproject2
> runproject3
> runproject4
> runproject5
> zipsrc

Figure 7 Ant and Console Window in Eclipse

8. Continue following instructions from the "How to Install Ant" file from D2L.
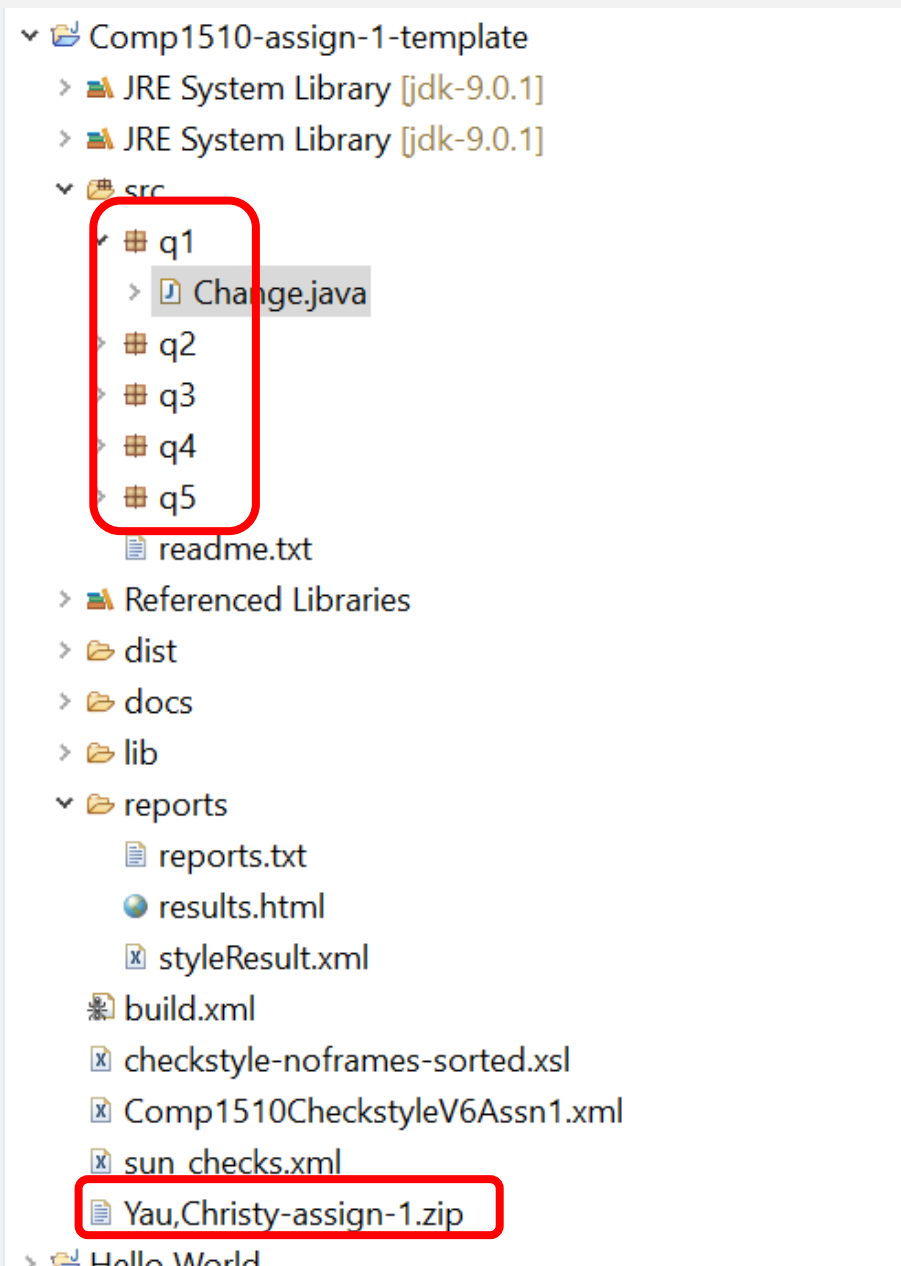   You should end up with a .zip file with your name in it, and the packages for your assignment.

Figure 8 Package Explorer window in Eclipse