

How to import Java projects and packages into an Eclipse workspace

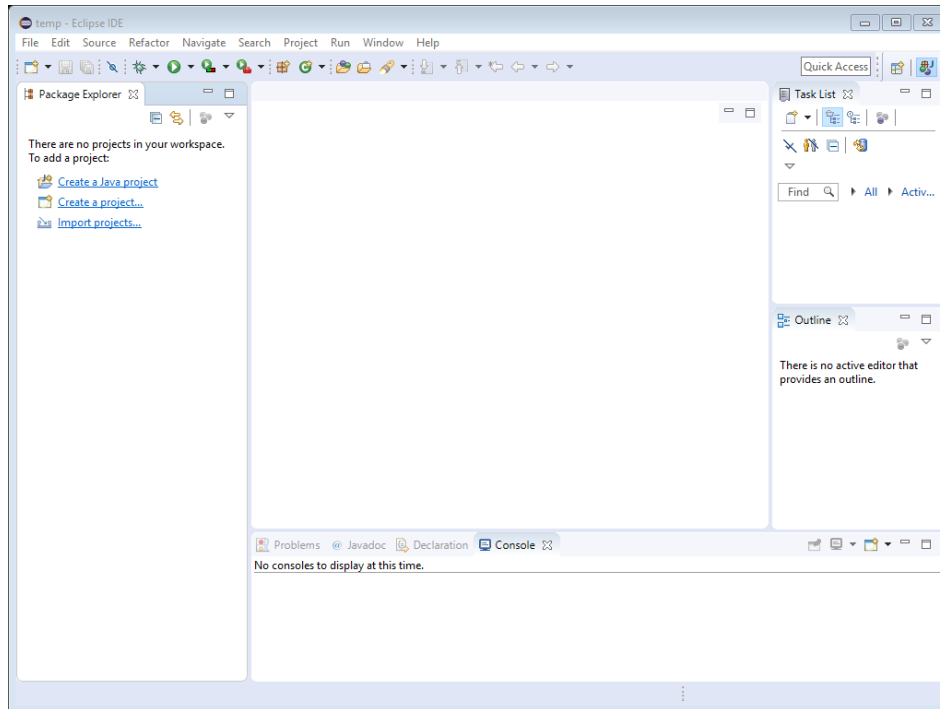
CSIS 3475 Data Structures And Algorithms

Importing Java projects and packages

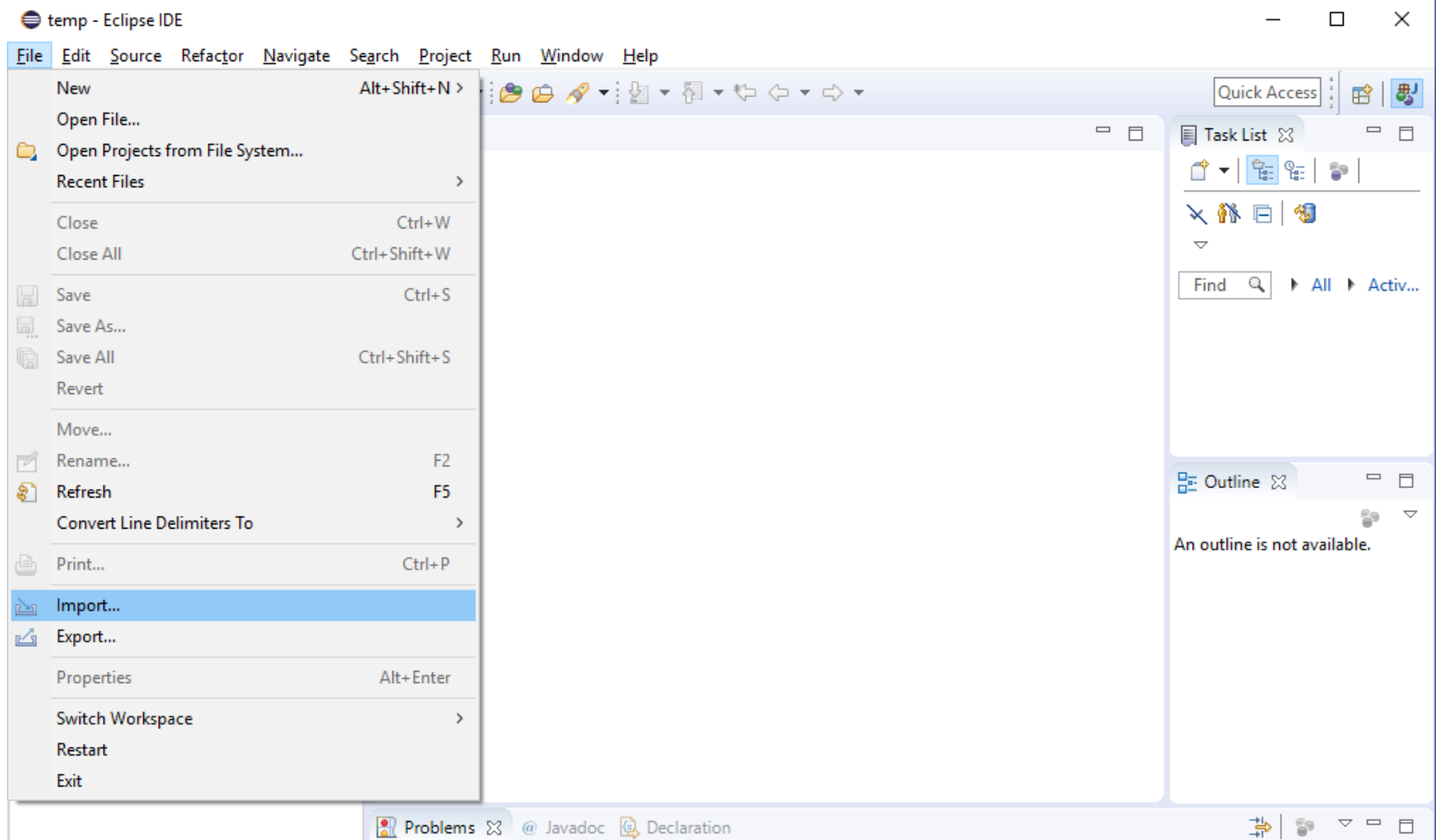
- All class exercises, assignments, and exams are provided in one or more Eclipse projects.
 - The projects are provided in a zip archive.
 - For class exercises, the project CSIS3475 will be used. You only need to import this into your workspace once, and then import packages after that.
- In order to use or complete these projects you will need to follow these steps exactly.
 - Create an Eclipse workspace folder.
 - Name it the same as the exercise, assignment, or exam
 - Examples
 - Class 01 Exercises
 - Assignment 1 MyName
 - MidTerm Exam MyName
 - Open Eclipse and launch it using this folder.
 - The workspace should be empty with no other projects
 - Import the zip archive using
 - File -> Import -> Existing Projects into Workspace
 - Using Select Archive File, click on Browse.
 - Search for the zip archive in the file system dialog box, and select the correct one
 - After selection, the relevant projects should be displayed.
 - Choose the projects that should be imported (generally, all of them).
 - Do not change any checkboxes, simply hit OK
 - The projects should now be available in your workspace.

Empty workspace

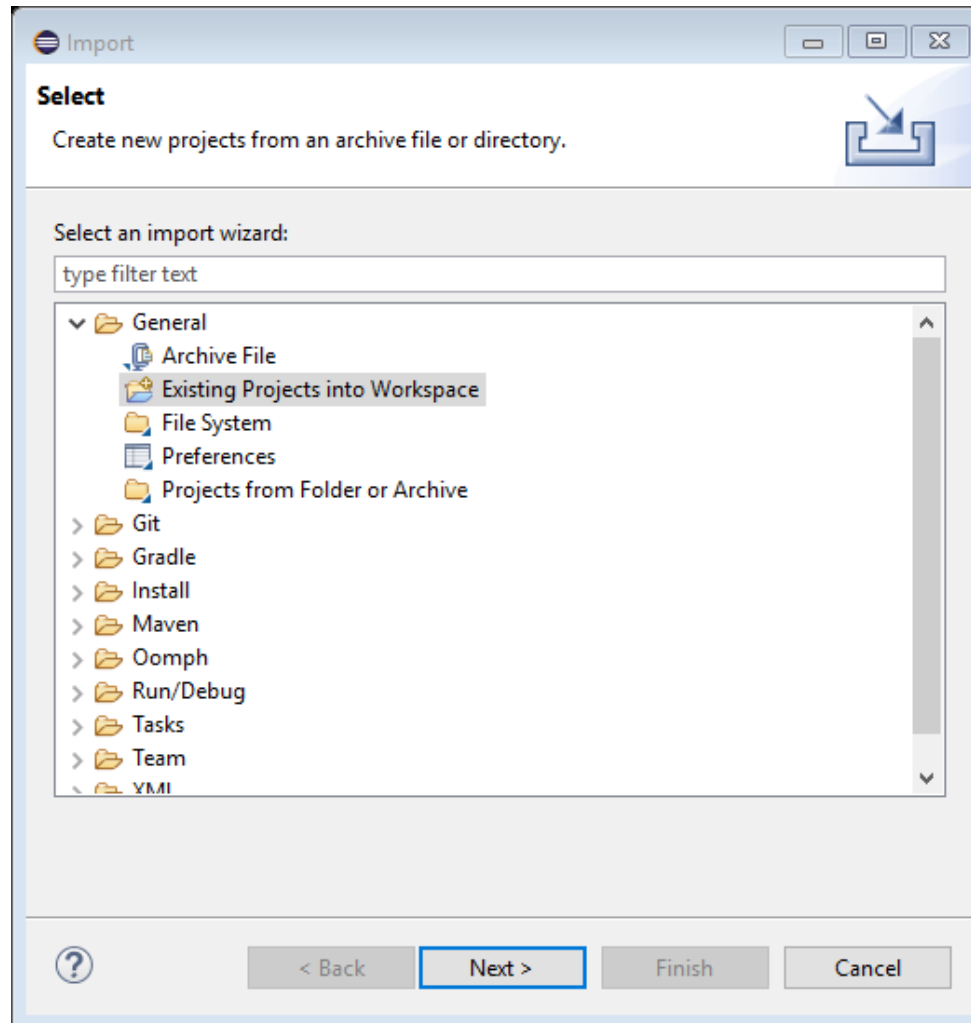
- Create a file folder
 - On the C drive for an exam
 - On a USB drive for class exercises or assignments
- Start up eclipse and use this folder as the workspace
- An empty workspace will be shown as below



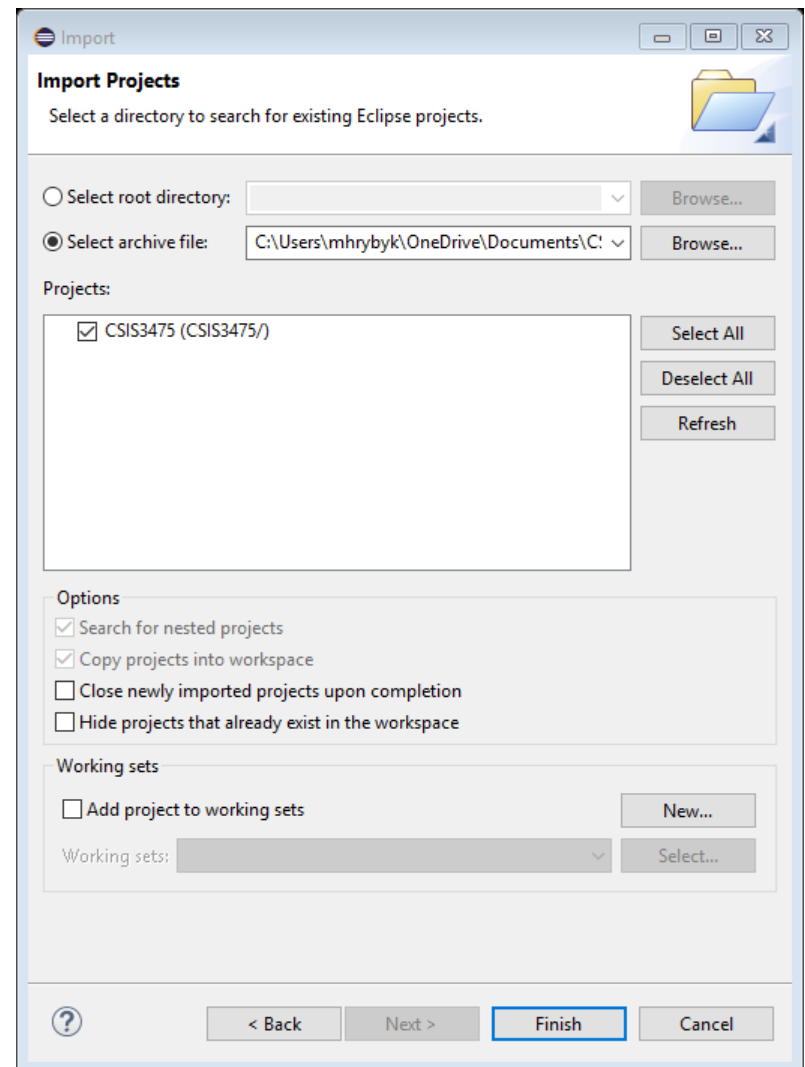
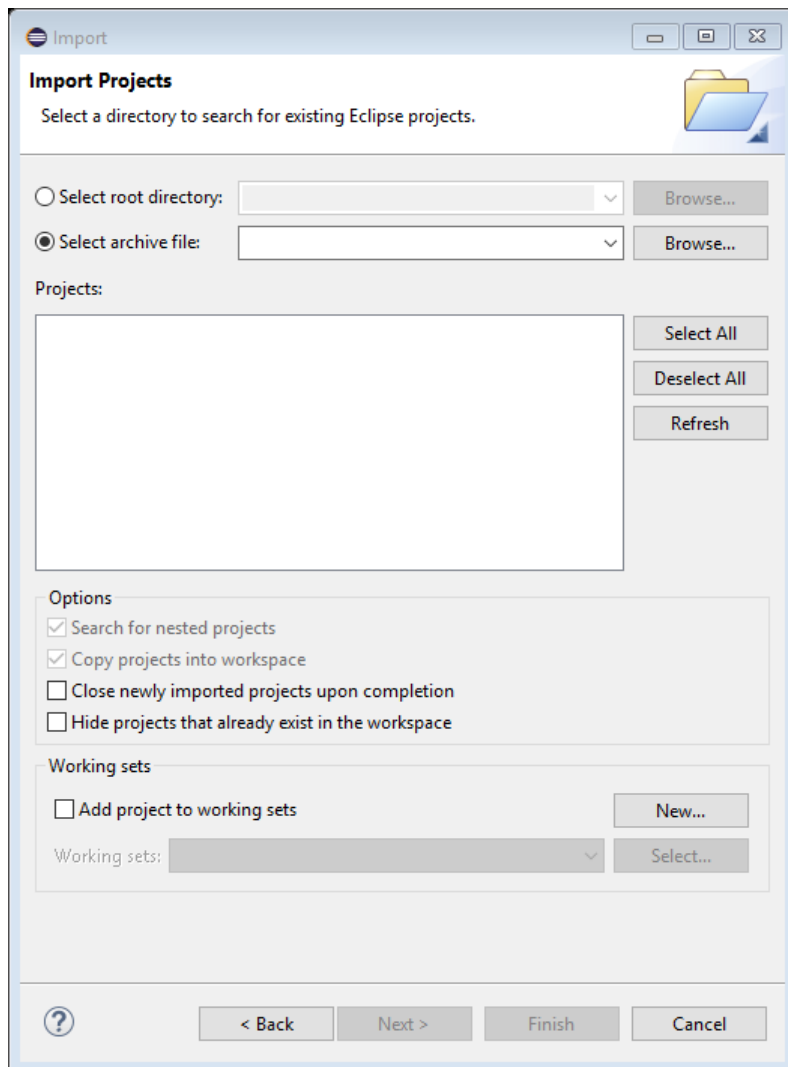
Eclipse Import



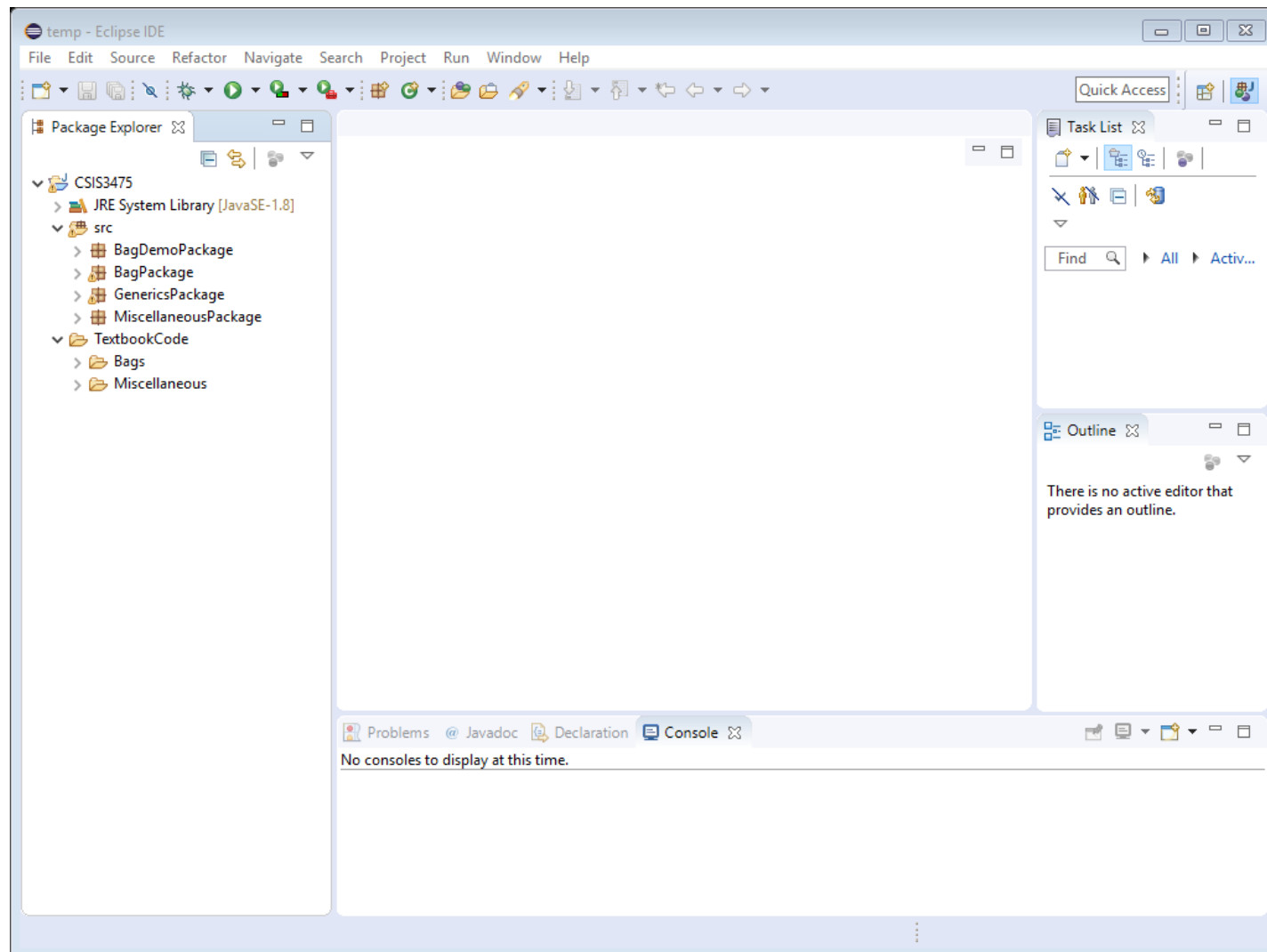
Import Existing Projects into Workspace



Select Archive (zip) file and projects



Complete! Save the workspace

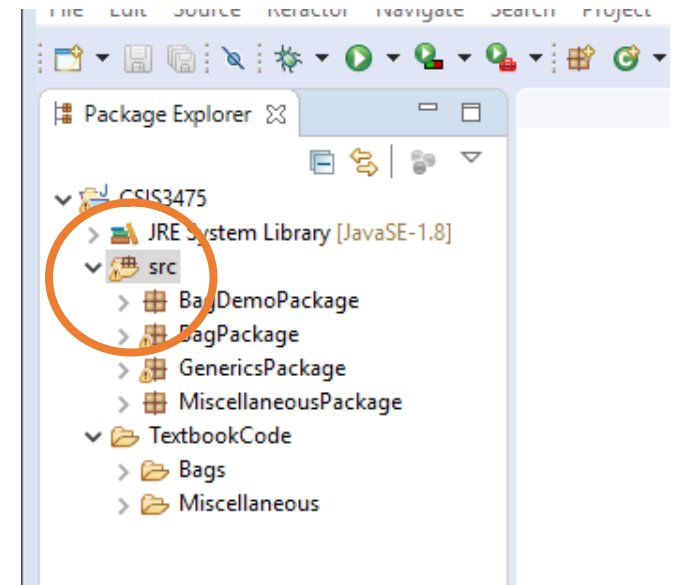
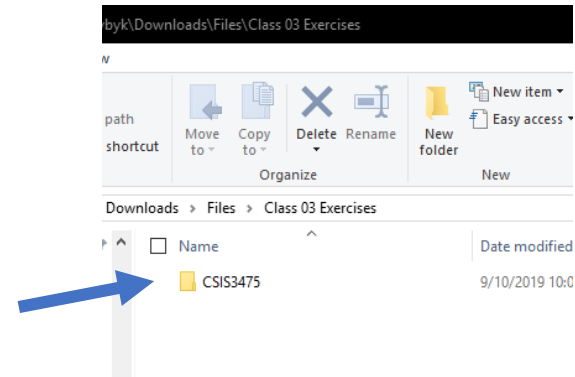


Class exercises – CSIS3475 Project

- All class exercises will be in the CSIS3475 project.
- Save this workspace on your USB drive and bring it to each class (or use OneDrive)
- The CSIS3475 project is created using
 - **Class 02 Exercises.zip**
- For the rest of the course, you will need to import packages into this project.
- Some of the code in the packages you will have to complete.
 - Correct completed code will be necessary for subsequent class exercises
 - Package dependencies will exist.

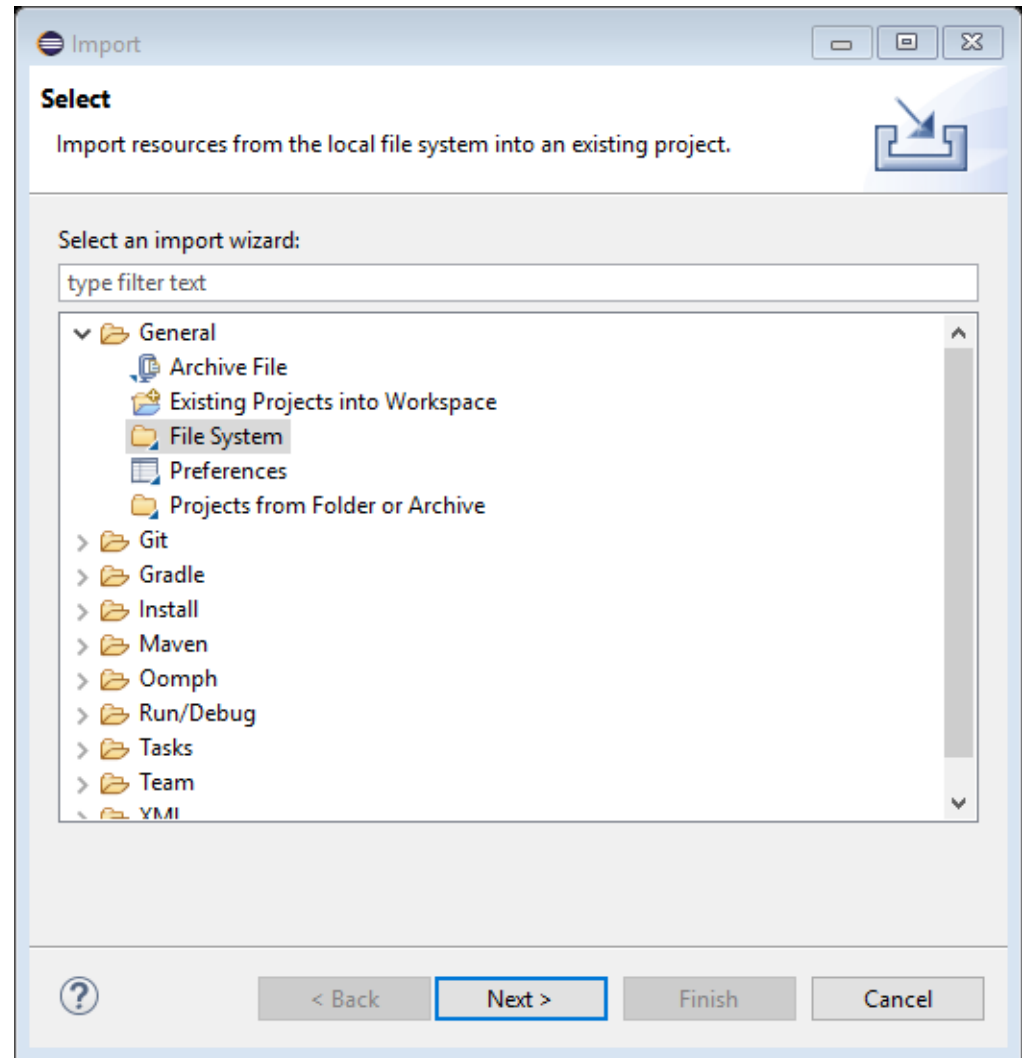
Import packages

- For each lecture, you will need to import packages into the project.
- Download the .zip file
 - Unpack it to a temp directory such as Downloads.
 - Do NOT unpack this onto your USB drive
- Highlight the src directory
- Right click on src, and choose Import



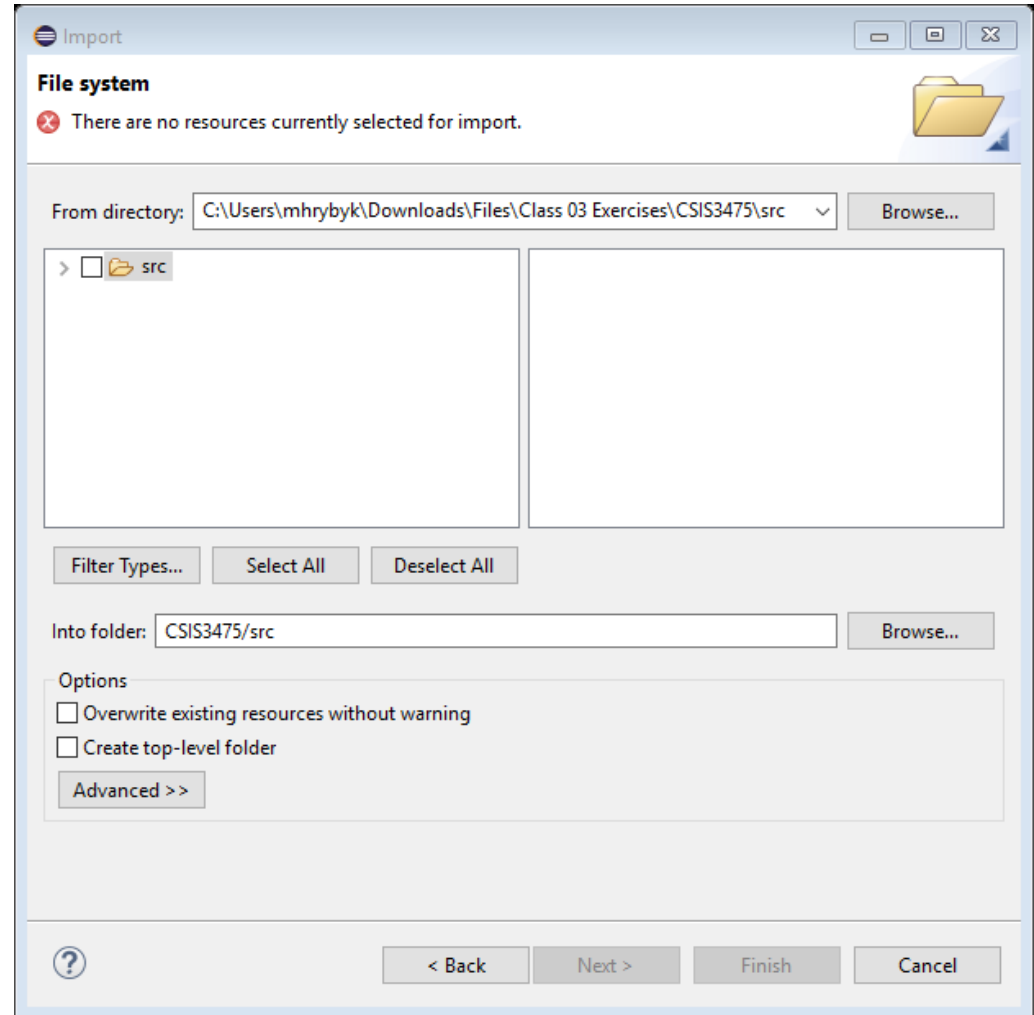
Import package

- Select
 - General->File System

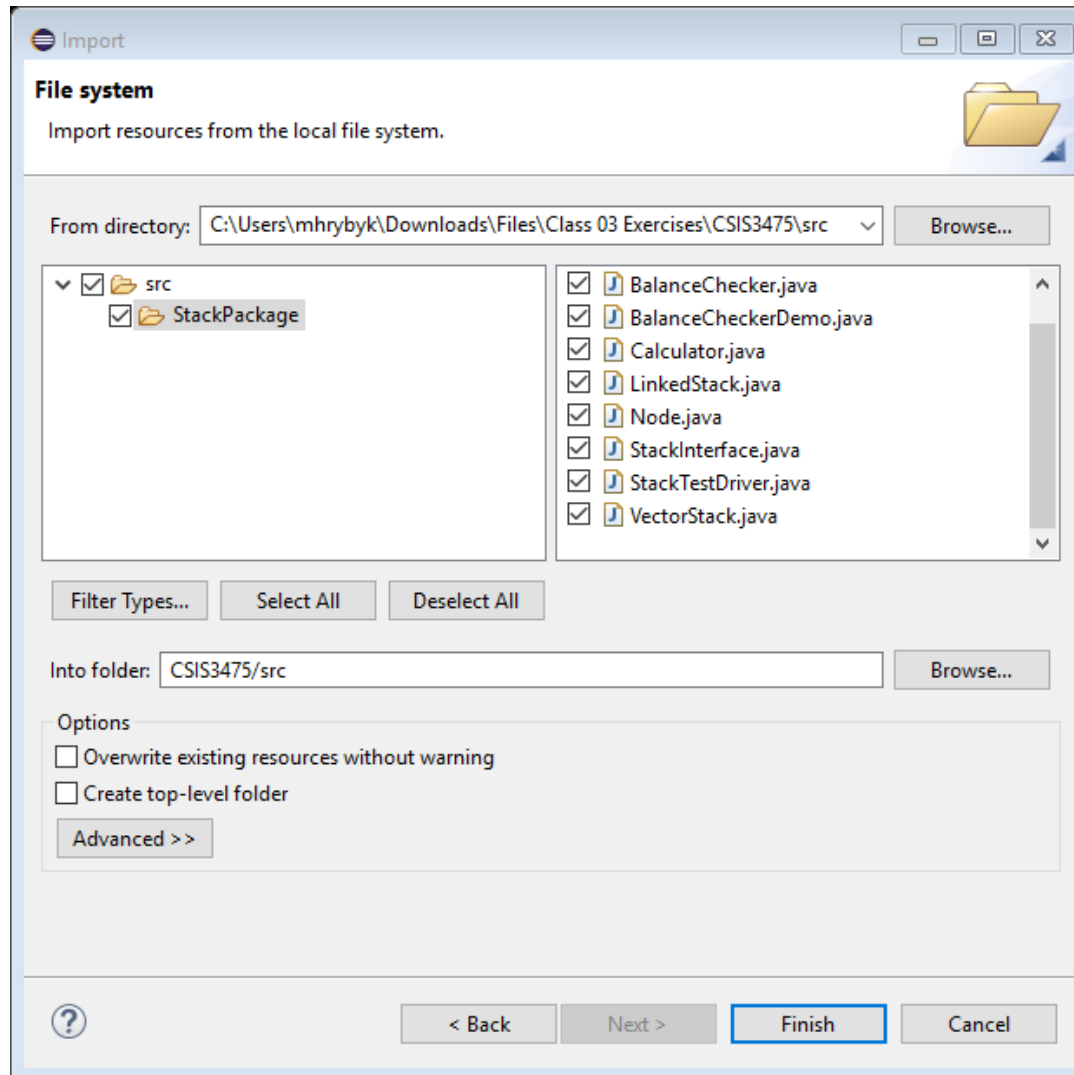


Find the src directory

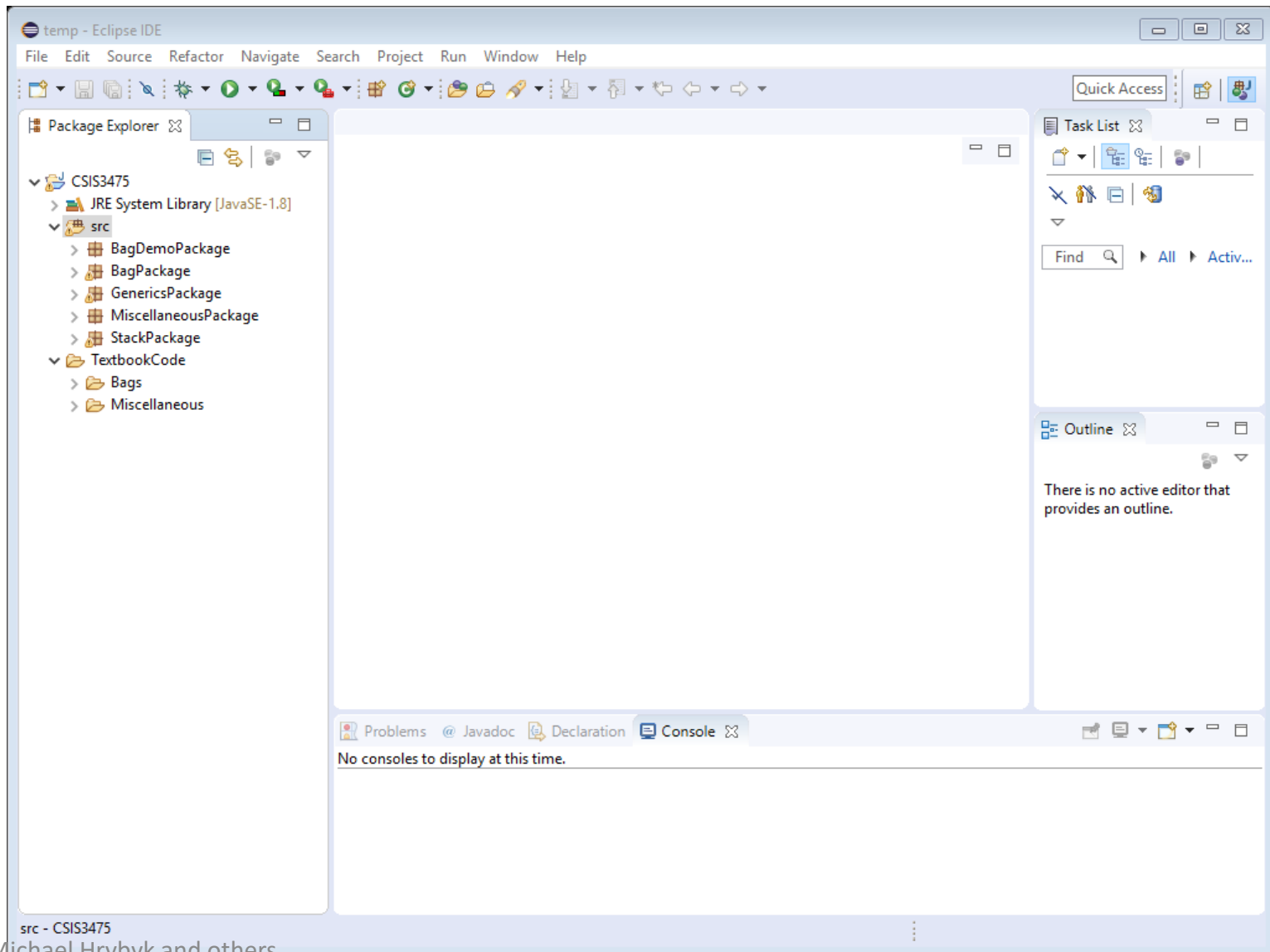
- In the From directory, find the **CSIS3475/src** directory you just unpacked.



Select all packages

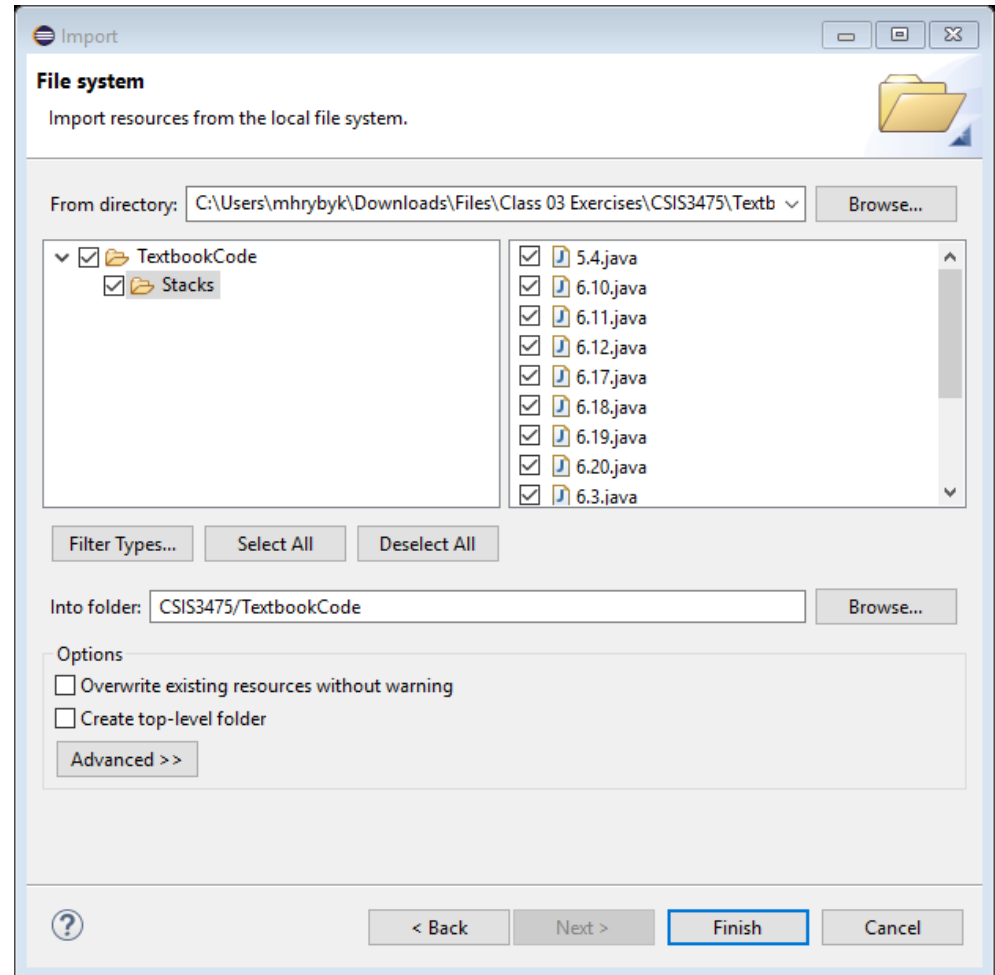


New package has been added!

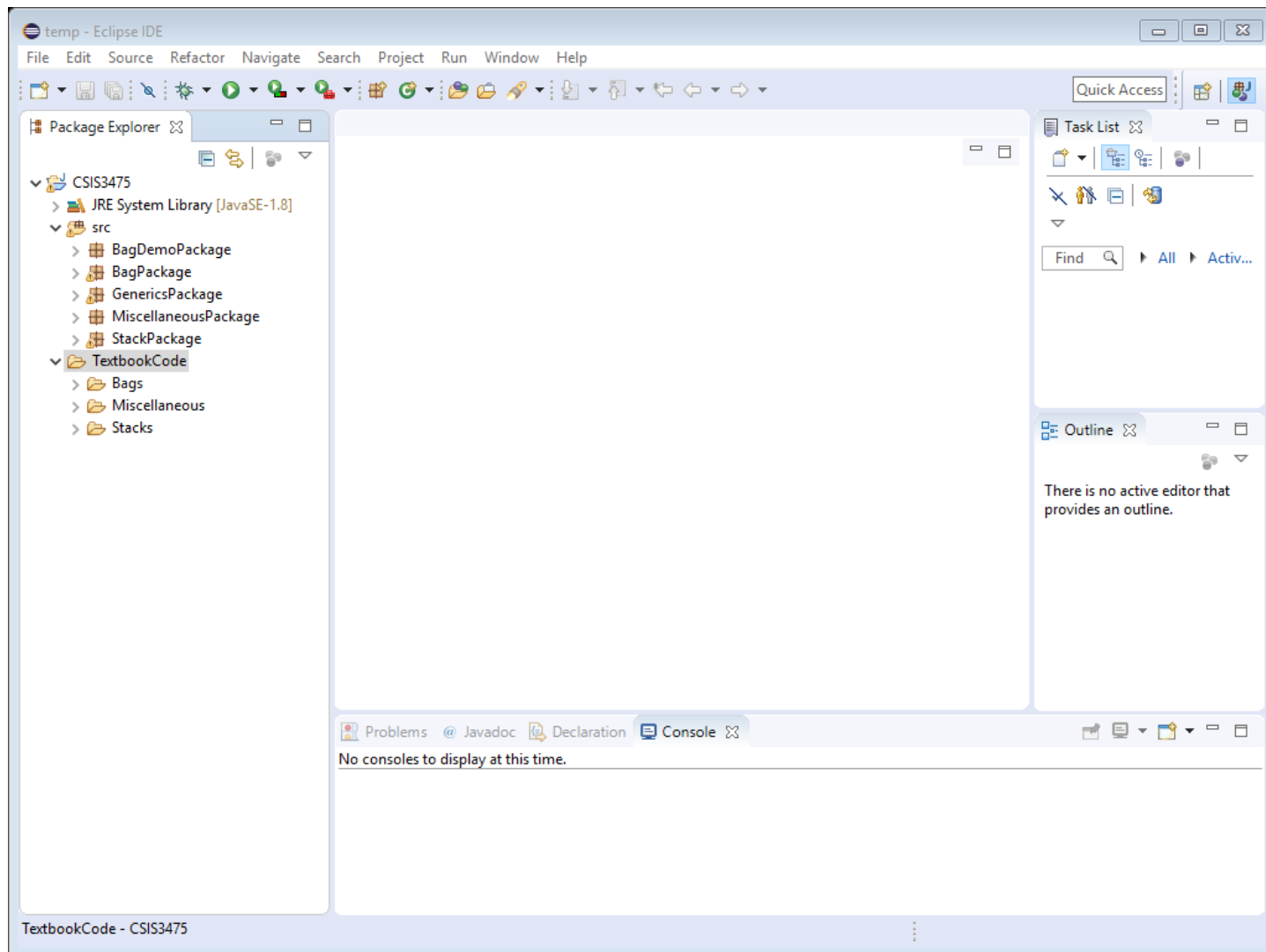


Do the same for other resources

- The .zip file may contain TextbookCode or OtherFiles.
- Follow the same steps



TextbookCode/Stacks has been added



Do's and Don'ts

- DO

- Make backup multiple backup copies of your workspace regularly
- Make sure all resources are imported correctly.
- Complete all code for incomplete classes
 - These are usually interface implementations

- DON'T

- Overwrite an existing package ESPECIALLY if it contains work you have done on an implementation. Only do this if you have a complete workspace backup.