

## Steps how to work on your labs and make a zipped Eclipse project file for submission

Starting this semester, students in this class is required to install Eclipse as Java IDE for your programming and lab assignments. Please follow instruction in **Steps how to download, install and test Eclipse** posted in Modules of Canvas if you have done it yet.

### The steps how to work on your labs with Eclipse

Step 1. Open Eclipse you have installed, click on the triangle icon under **File** menu, and you will see a drop-down menu.

Step 2. Click on **Java Project** and you will see a new window to create a Java project, since Eclipse organizes all programs as projects, so does for your labs.

Step 3. Type in your project name, say, Lab1 in the **Project name:** field, and then click on **Finish** button. Eclipse will create a project named Lab1 for you. Click on **Don't Create** in the window **"Create module-info.java"**.

Step 4. Click on Lab1, highlight the **src** folder, click on the triangle icon under **File** menu, and you will see a drop-down menu.

Step 5. Click on **Class**, a window let you create a new class will be displayed. Type in the class name you are going to code, say, TestScores, and click on **Finish** button. If you are creating a driver class, say, TestScoresApp, after you type in this class name, select the box **public static void main(String[] args)**, and then click on **Finish** button. You will use default package for now and learn how to use package later in the course.

Now you can type your code in this editing window and execute your code by clicking Run menu or the play icon shown under menu bar.

### Steps to make your project as a zipped Eclipse file for your lab submission

**Step 1.** Highlight the project you are going to submit, click on **File** menu, and click on Property as shown in Figure 1. (Contact instructor if there is problem to access the following figures)

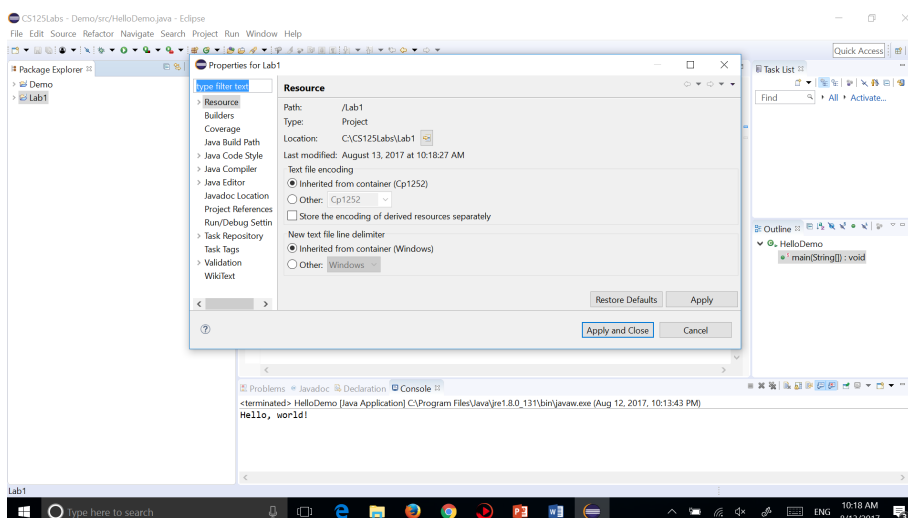


Figure 1 Property window shows the location of your project

**Step 2.** Click on the icon beside the location path and it will navigate to the directory your project located in your computer.

**Step 3.** Highlight the folder, copy and paste it to another location in your computer.

**Step 4.** Navigate to the folder you have done the optional extra-credit exercises, copy and paste this folder into this submission folder. Omit this step if you choose not to do these exercises.

**Step 5.** Make right mouse button click, select **Send to** and select **Compressed (zipped) folder** as shown in Figure 2.

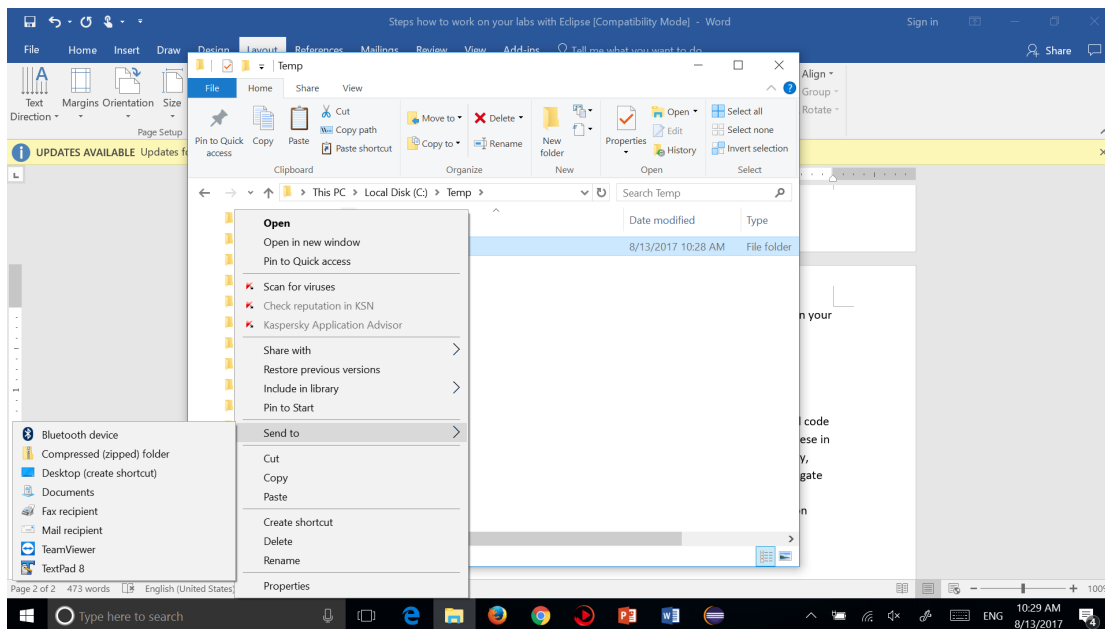


Figure 2 Steps to make a zipped file in Windows OS

A zipped file called Lab1.zip will be created and ready for your submission in canvas. Mac users may refer to steps to make a zipped file and requirement is the same.

**Step 6.** To test if your submission is a correct zipped Eclipse project that can be imported, opened, and run for grading, click on File, Switch Workspace, Other..., Type a new workspace name, say, Test, Eclipse will create a new window as a workspace for you, close the welcome window, then click on File, Import..., click on General, Existing Projects into Workspace, click on Next, choose Select Archive File:, browse to the folder you have saved your submission file, highlight the zipped file, then Open, and click Finish. Your zipped Eclipse project as you lab should be displayed in the Eclipse window, if you did your zipped file correctly.