Loading from Version Control

If you weren't able to use version control for the lab:

Start IntelliJ. In the top-left corner of the screen, click the project dropdown and choose "Get from Version Control." We will make a new project to store all of our labs and code that I want to distribute to the whole class. (This will copy my code from online into a new project-I recommend you put this in a directory with the other COMP 142 projects. Intellij should automatically set this to the directory you've used most recently.)

On the next screen, copy and paste in the following URL in the box that says "URL":

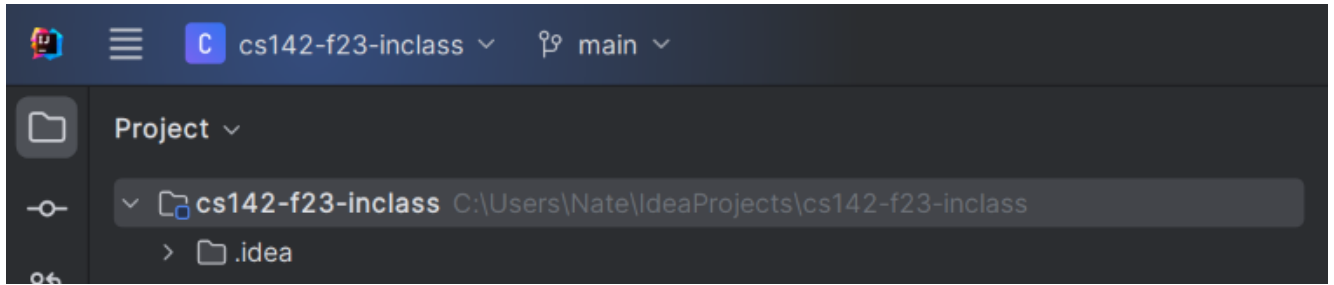https://github.com/ncp38/cs142-f23-inclass

In the "Directory" box, double-check that the folder listed is the right place for new projects to be stored (a subfolder of your main cs142 projects). If something is off, you can click the folder icon at the far right of the text area and make a new folder for this class work.
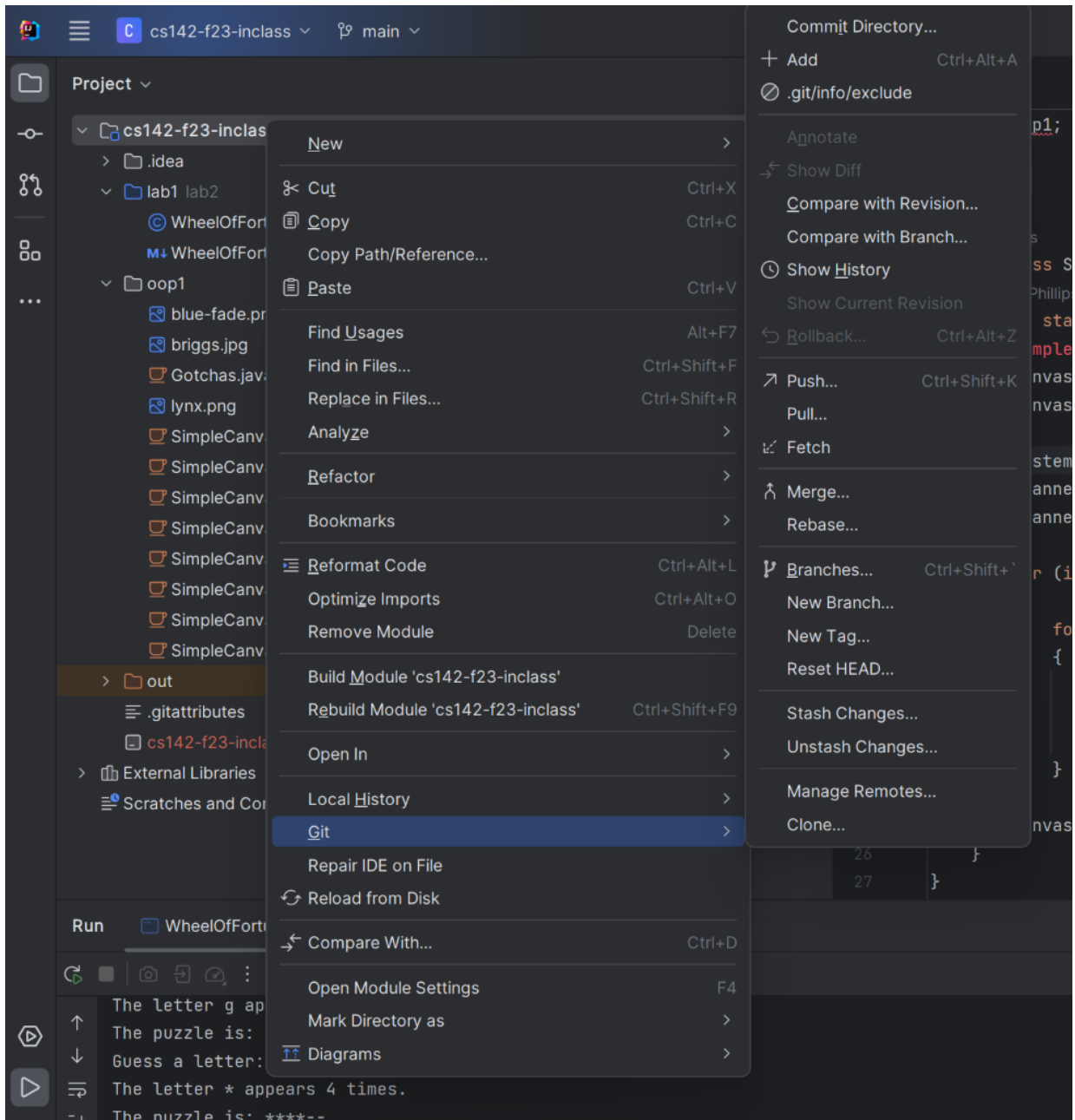
In the left-hand panel, expand the oop1 folder to see the code we'll be working with in class.
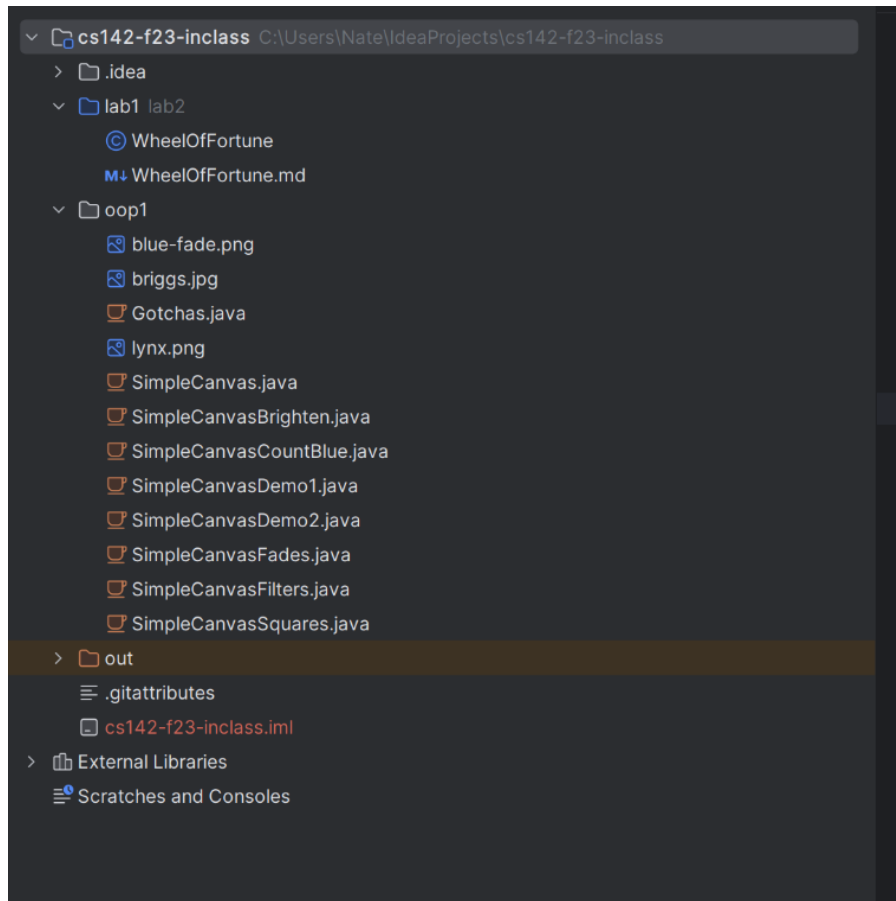
For folks who were having trouble with version control:
-Make sure Git is installed on your computer.
-Restart intellij after installing Git.
-If you're still running into issues, you can download the files for this class through a browser window-however, come see me after class/in office hours. We'll keep using this method, so it'll be helpful to get this resolved on your personal machines!
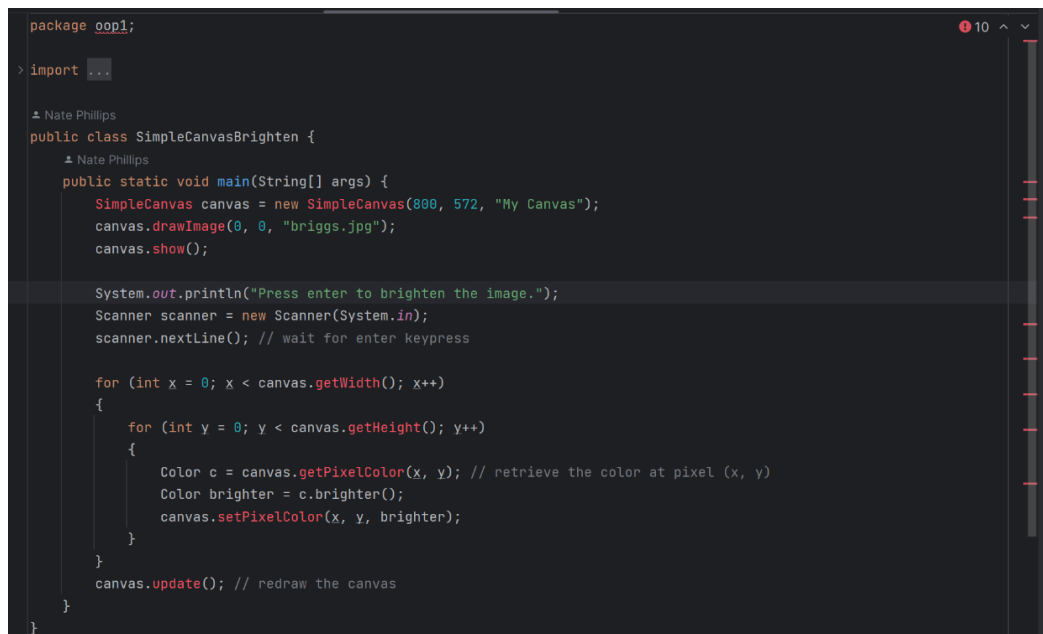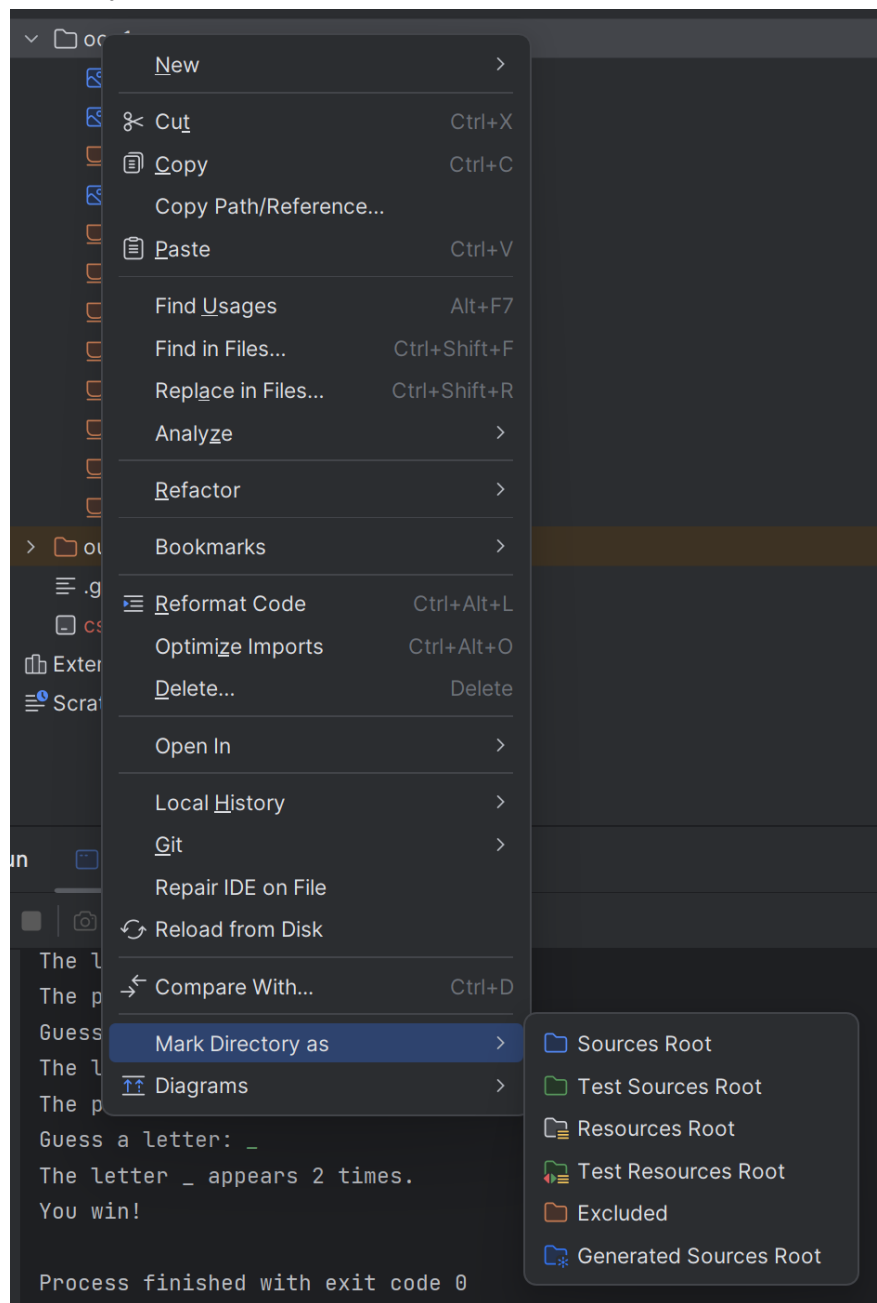
Right click and select Git -> Pull:

You should get a directory that looks something like this (notice how lab 1 is highlighted in blue and oop1 in gray):

When you open a file in oop1, you should get code that looks like this:


```java
package oop1;

import ...

public class SimpleCanvasBrighten {

    public static void main(String[] args) {
        SimpleCanvas canvas = new SimpleCanvas(800, 572, "My Canvas");
        canvas.drawImage(0, 0, "briggs.jpg");
        canvas.show();

        System.out.println("Press enter to brighten the image.");
        Scanner scanner = new Scanner(System.in);
        scanner.nextLine(); // wait for enter keypress

        for (int x = 0; x < canvas.getWidth(); x++)
        {
            for (int y = 0; y < canvas.getHeight(); y++)
            {
                Color c = canvas.getPixelColor(x, y); // retrieve the color at pixel (x, y)
                Color brighter = c.brighter();
                canvas.setPixelColor(x, y, brighter);
            }
        }
        canvas.update(); // redraw the canvas
    }
}
```

Notice all the errors present in the code! To fix these errors, we have to set the appropriate folder as the source root…To do this, right-click the folder you're working with and select Mark Directory as -> Sources Root

Now you're ready to use and follow along with class assignments (as well as future labs, etc.).