Lesson 1: Introducing Java

Chapter 4, Video 1: “Running a Project in BlueJ”

Here's how to open and run a Bluej project.

First, in Bluej's main window, from the Project menu, choose Open Project.

Navigate through your directories to find the project you want.

In this case I'm looking for the hello project in my Bluej Examples folder.

Open the project. Once the project's open, you'll see a class icon in the window. In this case the blue diagonal lines mean that it needs to be compiled.

If you want to look at the source code first, simply double-click the icon to open it.

To compile it, click the Compile button, and you'll get a message at the bottom of the editor window that says, "Class compiled." This is where errors would show up if there were any.

And back in the main window it also says, "Compiling . . . Done".

To run the class, or the program, all I need to do is right-click on the icon in the main window and choose the "void main" option, which will run its "main" method. When I choose that, a pop-up dialog shows up. And all I need to do is click OK, and the program runs.

In this case it displayed "Hello, world" in the Terminal Window for Bluej.
Lesson 1: Introducing Java

Assignment, Video 1: “Open and Running an Applet”

I’m going to open and run an applet as a solution to the assignment for Lesson 1.

In the main Bluej window, from the Project menu, I choose Open Project. I find the applet project—in this case it’s named “appletdemo”—and open that.

This shows the applet icon in the main window and, as you can see, above the name it says “applet” to indicate that I have an applet instead of a regular class or program.

If I right-click on the applet icon, I can choose the Run Applet option, and when I do that, you can see I get a Run Applet dialog from Bluej.

It has several options: Generate the Web page, which just puts out an HTML file, run applet in appletviewer, or run it in the Web browser.

Because of modern browser security, running applets from your disk drive could be a problem. So I’m going to choose Run applet in appletviewer.

This sets the height and the width of the applet window.

When I click OK, you can see that the applet runs.

In this case, it’s the “Case Converter” applet, and if I type some text, then click the UPPERCASE button, it converts it to uppercase, and the lowercase button moves it back to lowercase.

That’s all it takes to run an applet in Bluej.