



You will find, as you start exploring the Java language and Eclipse environment, that you will have to make changes to existing working programs, which sometimes means having to install plug-ins. This tutorial will use the WindowBuilder and Swing Designer plug-ins. The version of Eclipse in the Codio virtual lab already has these plug-ins installed for you.

1. Use the Swing Designer and WindowBuilder plug-ins in Eclipse. If you cannot access Eclipse through the Codio virtual lab, you must install the WindowBuilder plug-in.
2. Run your first program with WindowBuilder in Eclipse. Follow the directions in the following video, starting at 5:01: [Installing Java WindowBuilder \(Gui Designer Plugin\) on Eclipse](#) (10:00).

A transcript of the video is available: [Installing Java WindowBuilder \(Gui Designer Plugin\) on Eclipse Transcript](#).

To learn about adding controls to your graphical user interface (GUI), watch and follow along with the following video: [Java Gui Design w/ WindowBuilder Designer \(Part 1 of 5\) Video](#) (55:37).

A transcript of the video is available: [Java Gui Design w/WindowBuilder Designer \(Part 1 of 5\) Transcript](#).

3. Change the background color, add a label with your name, and run the program.

Note: If you have questions or issues with this assignment, post your questions to the Student Development Questions discussion topic. Check the topic periodically and provide answers to your classmates. However, do not ask for or provide specific code for an assignment.