

Computer Science 2 – Prepa Tec Eugenio Garza Lagüera
Activity 7: GUIs with Java Swing

Part 1:

Install Swing – Window Builder for Eclipse, following the instructions in the first 4 minutes of the following video:

<https://youtu.be/6QwC18EbJol>

WindowBuilder is a tool that allows you to create graphical user interfaces (GUIs) in a simple, easy-to-learn way. Its main benefit is that it reduces the amount of code you write.

You can read more about WindowBuilder on the following link:

<https://www.eclipse.org/windowbuilder/>

Part 2:

Design a GUI by which the user can input a temperature and convert it from Celsius to Fahrenheit.

You can follow the guide on the following video <https://youtu.be/6QwC18EbJol>

When you finish, upload evidence of your program working correctly. Grab screenshots of the following 4 scenarios working correctly:

1. Input a positive temperature.
2. Input a negative temperature.
3. Input an invalid temperature (non-numeric)
4. Think of an additional test case and include it too.