Computer Science 2 – Prepa Tec Eugenio Garza Lagüera

Activity 8: 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/6QwC18EbJoI>

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| 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/](https://www.eclipse.org/windowbuilder/%20) |

**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/6QwC18EbJoI>

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.