

**IT-230 Final Exam (Part 2 – Programming)**  
**(50 Points - 10% of Your Final Grade)**

**Due Date: Saturday, December 12<sup>th</sup> by 11:59 PM**

**Tasks:** Use the Java Application that you built for the midterm exam to collect and process data. You can download your Java file you submitted for the Midterm Exam in Canvas.

1. Implement Event Handler to collect data from five components of your choice on your GUI.
2. Create MySQL database and table to store the data from the five component you collect from your GUI. (Submit all My SQL commands in a .txt file)
3. Modify the Event Handler to collect data from the five components and save it in your database table.
4. Create your own Java exception and use it for one of your GUI components to detect and handle an error.
5. Implement a File I/O process of your choice in your Java Application to either write data to a text file or read data from a text file.

**Submission on Canvas:**

- Java file(s) for your GUI
- Java exception file that you build
- Text file (.txt) for your database commands
- All images you use for the GUI