**Blood Glucose Data Analyzer**

* What is Glucose?
  + Type of Sugar
  + Glucose is the energy of the body
  + Each cell needs glucose to survive and function
  + Blood Glucose - amount of glucose in blood when sample is taken
    - mg/dL – (milligrams/deciliter)
  + Range ( 70 to 160 )
* What is Insulin?
  + Hormone produced by the pancreas
  + Location of pancreas
    - Right under the liver
    - Behind the stomach
  + Insulin acts like a “key” to let the glucose into the cell
  + Type I Diabetes is an autoimmune disease
    - Where the pancreas doesn’t produce insulin
  + Without insulin, blood glucose levels rise
    - This is because there is no insulin to let the glucose into the cells
  + To fix this, synthetic insulin has to be administered by an outside source
  + Process is done by a human
    - Mistakes are bound to happen
    - This is where my program comes in

**Points to make in the Presentation of the Program**

* Look and Feel
  + JTattoo
* File Menu
  + Standard Features
* Graph
  + JFreeChart
* Analysis
  + Process for Analyzing
    - Selected Data
    - Previous Week
    - Comparison
* Notes
  + Can’t press ENTER
  + IO Formatting
    - Stores all data for a day in one file
    - writer.nextLine();

**Questions???**