Weeks 7 Laboratory Exercise (Version 1.0)
BE-104, Dr. C. S. Tritt, Spring '05

Due at the start of lab in week 8 (4/28), but may be submitted at any time.

Assignment

Modify the program you've been working on the past two weeks (the biometrics program). This version of your program should have the following new features:

- A *while* or *do/while* loop to your main program to allow the user to indicate if they wish to perform another calculation.

- A professional graphical user interface (GUI) based on the *JOptionPane* class (including a *showConfirmationDialog* dialog).

- Professionally formatted numeric output generated using *Formatter* class style methods.

Submission and Evaluation Requirements

I suggest you show me your plan (class and main program designs and test vectors) before you start writing code, but this is not required. You must either demonstrate your completed program to me during lab or e-mail it to me as a zip file.

Reference

The Medical Algorithms Project (http://www.medal.org/).