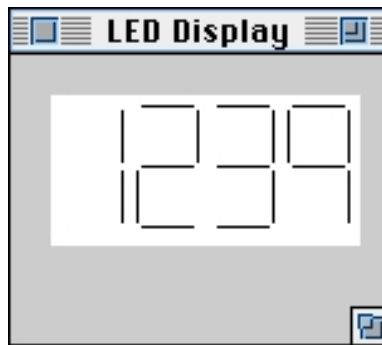| CS 127	**Programming Assignment #3**
Bruce Bolden	**10 Points**
February 1, 2007	**Due:** February 8, 2007

Objective: Develop a class for displaying digital numbers. Continue familiarization with the basic drawing methods available in the Java AWT.

Actions:

1. Develop a class for displaying numbers using an LED segmented display format (example below). Display the current time on your display. Hint: use the Calendar and Date classes. See the API for more details.

2. Display your name and class information in a non-intrusive place in your graphics window.

3. Explore the use of colors in displaying your digits. Do some colors improve the appearance of your display more than others?

4. Use `javadoc` to document your program.

5. If you have time, explore the use of fonts in displaying your name and class information (not required).

Deliverables:

- Program—fully documented.
- A program design sheet. Describe all classes and methods needed to implement your program.
- Programming Log:
    - Record the time required to design and implement your program.
    - Record of things you encountered/learned while implementing your program.
- Output—proof that your program worked.

If you have any questions regarding this assignment, do not hesitate to contact me. Start working on this assignment as soon as possible.