Field Trip # 29   **Create a Digital Alarm Clock - Java**

Developed by: Keith Lynn

Subject: Create a digital alarm clock in Java

Short description: In this field trip, the students will learn how to access the system time in a thread so they can display the current time & set a timer so that something happens when a time is reached.

Educational Level: 7th – 12th Grade

Field trip type: Lecture with Activity

Educational
Outcomes: The student will be able to:

- Create a simple thread
- Get the system time
- Cause something to happen at a time chosen

Notes to instructor: This is a simple task involving a thread. You can use images of numbers in order to display the clock. It is recommended that this be written ahead of time & demonstrated at the beginning of the field trip. Then the students can be led through development.