Answer all of the following questions before coming into the lab.

**82C54 Programmable Interval Timer**

1. Read through the lab. Then study the details of the 82C54 PIT chip. Pay close attention to Modes 2, 3, and 4 of operation. You will have received a copy of the device data sheet in class; it is also available online at the class web site.

2. Sketch a circuit diagram of the interface between the 82C54 and the MUN-88 single board microcomputer.

3. Write the delay program as outlined in the lab.