Members: _____   Group #: _____

_____

Please answer all of the following questions before coming into the lab. You will lose marks if your pre-lab is incomplete.

Programmable Peripheral Interface

1. Study the details of the Intel 8255 PPI device. The relevant information is in your textbook; you will also find a link to a datasheet (in .PDF format) on the class website.

2. Sketch a circuit diagram of the interface described in the lab. You should be ready to start building your circuit as soon as you come into the lab.

3. What control word must you send to the PPI device to configure it for Mode 0 operation, with input on Port A and output on Port B?

4. Modify your RatBash program to use the new LEDs and DIPs.