



**Princess Sumaya University for Technology**  
**Computer Engineering Department**  
**22440: Microprocessor Lab**

**Experiment 8: More on 62256 SRAM Memory Chip and PPI Chip**

**Lab Assignment**

1. Design and implement a circuit to read a character from the DIP switches connected to 8255 (PPI) chip and store it in the 62256 memory chip. You can store this character in any memory address.
2. Read the character stored in Step 1 and display it on the LEDs connected to 8255 chip.

**Hint**

Use the 8255 chip to interface this memory chip with the PC through the parallel port.