Write an assembly language program that runs on the AT89C51CC03 board. Add two LEDs to your board at P1.0 and P1.1 and add a push button switch to the board on P3.4. All resistors are 1K.

Your program should do the following:

If the switch on P3.4 is closed blink the LED at P1.0 about 10 times a second. Turn the LED at P1.1 off.

If the switch on P3.4 is open turn the LED at P1.0 off and blink the LED at P1.1 about 5 times a second.

Bring your completed project to class on September 8 for an in class demo.

Turn in the following:
Cover sheet with your name, assignment number, and date turned in.
A hard copy of your commented assembly code.