CSE322_Embedded Systems MID LAB FRI

1. Write an Embedded C program using RIDE and Flash magic to give led blinking in the hardware, if carry flag state is zero after addition operations of these given data; led has blink on the hardware 's second pin.

i) 3F and C6;

ii) 9B and 23

2. Write an Embedded C program using RIDE and flash magic to make anti clock wise rotation with 50 micro second delay on each quarter cycle.

3. Write an Micro vision Keil C program to make LED 1st pin in hardware is enabled, then LED 6th ,7th and 8th position also keep on 1 for 30ms delay repeat for ever.

4. Write an embedded C program to generate the given series

2^3+3^4+4^5…….50 terms also check the flag status .

5. Write an embedded C program to mask the lower 4 bits in B register and add F3 on to it. Check for the bit wise shift operations to make the data to all 1's.

6. Write an embedded C program to simulate 58kps speed Parallel communication with the help of PCON register and 9600 baud rate -SCON for serial communication to transfer the text " we are number one" .

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