To Interface LED bank with 8051 microcontroller with 00 and FF pattern,
use timer for providing delay of 20ms between ON-OFF

```c
#include <reg51.h>  // Include 8051 specific header file

// Function to generate a delay of 20ms
void delay() {
    unsigned int i, j;
    for (i = 0; i < 400; i++) {  // Adjust this loop count for a
20ms delay for 40ms delay 100,200
        for (j = 0; j < 1000; j++);
    }
}

void main() {
    unsigned char pattern;

    while (1) {  //infinite loop
        // Display the 00 pattern
        pattern = 0x00;        // All the bit are 00000000 the led
is off
        P0 = pattern;  // Output the pattern to Port 0
        delay();        // Delay for 20ms

        // Display the FF pattern
        pattern = 0xFF;     //all the bits are 11111111 the led is
on
        P0 = pattern;  // Output the pattern to Port 0
        delay();        // Delay for 20ms
    }
}
```
0x55=01010101
0xAA=10101010