

EXPERIMENT 6

Toggling two LEDS in such fashion when one is on the Another is off for equal time delay

Code:

```
led.asm
$MOD51 ; This includes 8051 definitions

LOOP:   SETB P0.1
        CLR  P0.0
        ACALL DELAY
        CLR  P0.1
        SETB P0.0
        ACALL DELAY
        SJMP LOOP

DELAY:   MOV  R1,01H
L1:      DJNZ R1,L1
        RET

END
```

Outputs:

