**LED interfacing with 8051 (AT8951)**   
**Code:**

ORG 00H

AGAIN:

SETB P2.1

ACALL DELAY

CLR P2.1

ACALL DELAY

SJMP AGAIN

DELAY: MOV R5,#10 ; WAIT A FEW MILLI SECONDS

L1: MOV R6,#0FFH

L2: MOV R7,#0FFH

L3: DJNZ R7,L3 ; DJNZ MEANS DECREMENT AND JUMP IF NOT ZERO

DJNZ R6,L2

DJNZ R5,L1

RET

END

Design

