**BLINKING LED**

$MOD51

ORG 0000H

MOV P1, #00H

MAIN:

MOV A, #01H

MOV R2, #254D

ACALL LOOP

LOOP:

MOV P1, A

ACALL DELAY

ADD A, #01H

MOV P1, A

ACALL DELAY

DJNZ R2, LOOP

SJMP MAIN

DELAY:

MOV R2, #10

D2:

MOV R3, #200

D1:

MOV R4, #200

DJNZ R4,

DJNZ R3, D1

DJNZ R2, D2

RET

END