**TITLE** : Write an Embedded C program to interface PIC 18FXXX with LED & blinking

it using specified delay

**CODE:**

#include <xc.h>

#include <stdio.h>

#include <stdlib.h>

#include <pic18f4550.h>

void T0Delay(void);

void main(void) {

TRISD=0x00;

while(1)

{

PORTD=0x55;

T0Delay();

PORTD=0xAA;

T0Delay();

}

//return;

}

void T0Delay()

{

T0CON=0x02;

TMR0H=0x35;

TMR0L=0x00;

T0CONbits.TMR0ON=1;

while(INTCONbits.TMR0IF==0);

T0CONbits.TMR0ON=0;

INTCONbits.TMR0IF=0;

}

**OUTPUT :**