Name: Saba Asif Attar.

Roll no: SIA77

Batch: D

Class: S.E IT-A

Assignment No: 06

Aim: Write an Embedded C program to interface PIC 18FXXX with LED & blinking it using specified delay.

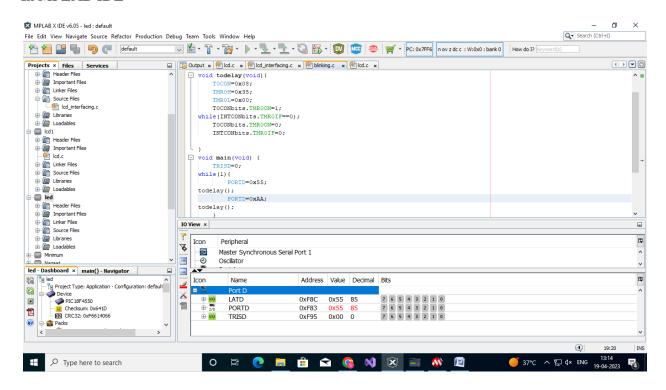
Program (Memory transfer):

```
#include <xc.h>
#include <pic18f4550.h>
#include <stdlib.h>
void todelay(void)
  T0CON=0x08;
  TMR0H=0x35;
  TMR0L=0x00;
  T0CONbits.TMR0ON=1;
 while(INTCONbits.TMR0IF==0);
  T0CONbits.TMR0ON=0;
  INTCONbits.TMR0IF=0;
void main(void) {
  TRISD=0;
  while(1){
    PORTD=0x55;
    todelay();
```

```
PORTD=0xAA;
todelay();
}
```

Output:

In MPLAB IDE



In PICSIM LAB





