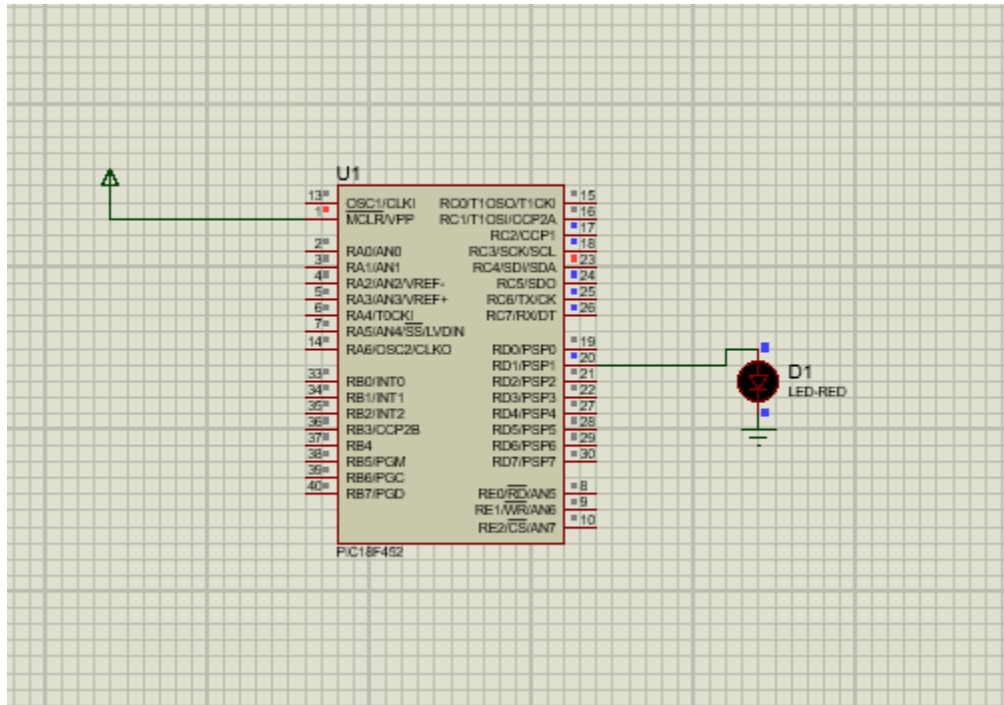AMINA QADEER

CE-42-A

3596607

TASK 2:

CODE:

```
#include <p18f452.INC>


org 0x00


main:

R1 EQU 0x64

R2 EQU 0x64
```

```
FILE_REG EQU 0x01

FILE_REG_2 EQU 0x04

MOVLW b'00000000'

BCF TRISD, 1

MOVWF TRISB

MOVWF TRISC


LOOP:

MOVLW R1

MOVWF FILE_REG

LOOP2:

MOVLW R2

MOVWF FILE_REG_2

INCF PORTC

BTG PORTD, 1

DECFSZ FILE_REG_2

BRA LOOP2

MOVFF PORTC, PORTB

DECFSZ FILE_REG

BRA LOOP


END
```