

ASSIGNMENT 5

Name : Shubham nemade

Roll no: 23151

```
/*
```

```
* File: led.c
```

```
* Author: shubham
```

```
*/
```

```
#include <xc.h>
```

```
#include <pic18f4550.h>
```

```
void DELAY_MS(unsigned int ms_count){
```

```
    unsigned int i,j;
```

```
    for(i=0;i<ms_count;i++){
```

```
        for(j=0;j<1000;j++);
```

```
    }
```

```
}
```

```
int main(void) {
```

```
    TRISA=0x00;
```

```
    TRISB=0x00;
```

```
    TRISC=0x00;
```

```
    TRISD=0x00;
```

```
    while(1){
```

```
        PORTA=0xff;
```

```

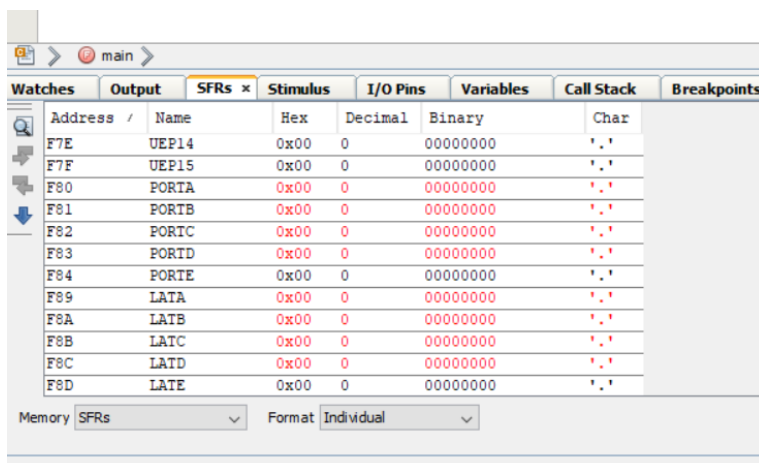
    PORTB=0xff;
    PORTC=0xff;
    PORTD=0xff;
    DELAY_MS(100);

    PORTA=0x00;
    PORTB=0x00;
    PORTC=0x00;
    PORTD=0x00;
    DELAY_MS(100);

}
return 0;
}

```

OUTPUT



Address /	Name	Hex	Decimal	Binary	Char
F7E	UEPI4	0x00	0	00000000	','
F7F	UEPI5	0x00	0	00000000	','
F80	PORTA	0x00	0	00000000	','
F81	PORTB	0x00	0	00000000	','
F82	PORTC	0x00	0	00000000	','
F83	PORTD	0x00	0	00000000	','
F84	PORTE	0x00	0	00000000	','
F89	LATA	0x00	0	00000000	','
F8A	LATB	0x00	0	00000000	','
F8B	LATC	0x00	0	00000000	','
F8C	LATD	0x00	0	00000000	','
F8D	LATE	0x00	0	00000000	','

Memory: SFRs Format: Individual

Watches							Output	SFRs ×	Stimulus	I/O Pins	Variables	Call Stack	B
Address /		Name	Hex	Decimal	Binary	Char							
F7E		UEP14	0x00	0	00000000	'.'							
F7F		UEP15	0x00	0	00000000	'.'							
F80		PORTA	0x50	80	01010000	'P'							
F81		PORTB	0xE0	224	11100000	'à'							
F82		PORTC	0xC7	199	11000111	'Ç'							
F83		PORTD	0xFF	255	11111111	'ÿ'							
F84		PORTE	0x00	0	00000000	'.'							
F89		LATA	0x7F	127	01111111	'ï'							
F8A		LATB	0xFF	255	11111111	'ÿ'							
F8B		LATC	0xC7	199	11000111	'Ç'							
F8C		LATD	0xFF	255	11111111	'ÿ'							
F8D		LATE	0x00	0	00000000	'.'							

Memory SFRs
Format Individual