

## ASSIGNMENT 6

**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(50);

```

```

PORTA=0x00;
PORTB=0x00;
PORTC=0x00;
PORTD=0x00;
DELAY_MS(50);

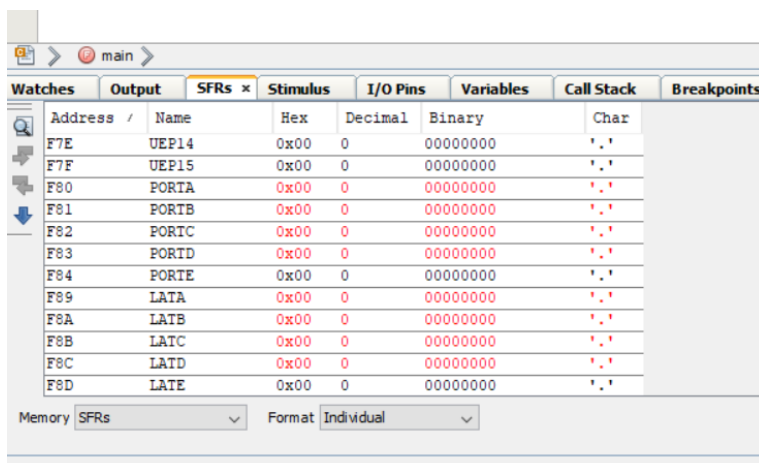
```

```

}
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