

```
//SYITB088 Samiksha Pandit
```

```
#include <PIC18F4550.h>
```

```
void main (void)
```

```
{
```

```
    int i,j,x;
```

```
    TRISB = 0;
```

```
    LATB = 0;
```

```
    i=0x04;
```

```
    j=0x05;
```

```
    x=i+j;
```

```
    PORTB = x;
```

```
    PORTC = i;
```

```
    PORTD = j;
```

```
}
```

**OUTPUT:**

| Address / | Name    | Hex  | Decimal | Binary   | Char |
|-----------|---------|------|---------|----------|------|
| F89       | LATA    | 0x00 | 0       | 00000000 | '.'  |
| F8A       | LATB    | 0x09 | 9       | 00001001 | '.'  |
| F8B       | LATC    | 0x04 | 4       | 00000100 | '.'  |
| F8C       | LATD    | 0x05 | 5       | 00000101 | '.'  |
| F8D       | LATE    | 0x00 | 0       | 00000000 | '.'  |
| F92       | TRISA   | 0x7F | 127     | 01111111 | '□'  |
| F93       | TRISB   | 0x00 | 0       | 00000000 | '.'  |
| F94       | TRISC   | 0xC7 | 199     | 11000111 | 'Ç'  |
| F95       | TRISD   | 0xFF | 255     | 11111111 | 'ÿ'  |
| F96       | TRISE   | 0x07 | 7       | 00000111 | '.'  |
| F9B       | OSCTUNE | 0x00 | 0       | 00000000 | '.'  |
| F9D       | PIE1    | 0x00 | 0       | 00000000 | '.'  |
| F9E       | PIR1    | 0x00 | 0       | 00000000 | '.'  |
| F9F       | IPR1    | 0xFF | 255     | 11111111 | 'ÿ'  |
| FA0       | PIE2    | 0x00 | 0       | 00000000 | '.'  |
| FA1       | PIR2    | 0x00 | 0       | 00000000 | '.'  |
| FA2       | IPR2    | 0xFF | 255     | 11111111 | 'ÿ'  |
| FA6       | EECON1  | 0x00 | 0       | 00000000 | '.'  |
| FA7       | EECON2  | 0x00 | 0       | 00000000 | '.'  |
| FA8       | EEDATA  | 0x00 | 0       | 00000000 | '.'  |
| FA9       | EEADR   | 0x00 | 0       | 00000000 | '.'  |
| FAB       | RCSTA   | 0x00 | 0       | 00000000 | '.'  |
| FAC       | TXSTA   | 0x02 | 2       | 00000010 | '.'  |
| FAD       | TXREG   | 0x00 | 0       | 00000000 | '.'  |
| FAE       | RCREG   | 0x00 | 0       | 00000000 | '.'  |