

```
#include<stdio.h>
#include<stdlib.h>
#include<pic18f458.h>
```

```
void main(){
    int sum;
    sum = 0x07 + 0x01
    TRISD = 0x00;
    PORTD = sum;
}
```

SFRs	SFRs	Output	SFRs	x		
Address	Name	Hex	Decimal	Binary	Char	
F81	PORTB	0x00	0	00000000	::	
F82	PORTC	0x00	0	00000000	::	
F83	PORTD	0x08	8	00001000	::	
F84	PORTE	0x00	0	00000000	::	
F89	LATA	0x00	0	00000000	::	
F8A	LATB	0x00	0	00000000	::	
F8B	LATC	0x00	0	00000000	::	
F8C	LATD	0x08	8	00001000	::	
F8D	LATE	0x00	0	00000000	::	
F92	TRISA	0x7F	127	01111111	'ï'	
F93	TRISB	0xFF	255	11111111	'ÿ'	
F94	TRISC	0xFF	255	11111111	'ÿ'	
F95	TRISD	0x00	0	00000000	::	
F96	TRISE	0x07	7	00000111	::	
F9D	PIE1	0x00	0	00000000	::	
F9E	PIR1	0x00	0	00000000	::	
F9F	IPR1	0xFF	255	11111111	'ÿ'	
FA0	PIE2	0x00	0	00000000	::	

```
#include<stdio.h>
#include<stdlib.h>
#include<pic18f458.h>
```

```
void main(){
    int mult;
    mult = 0x0A * 0x0F;
    TRISB = 0x00;
    PORTB = mult;
}
```

SFRs	SFRs	Output	SFRs	SFRs	SFRs	SFRs	SFRs X
Address	Name	Hex	Decimal	Binary	Char		
F80	PORTA	0x00	0	00000000	''		
F81	PORTB	0x96	150	10010110	'0'		
F82	PORTC	0x00	0	00000000	''		
F83	PORTD	0x00	0	00000000	''		
F84	PORTE	0x00	0	00000000	''		
F89	LATA	0x00	0	00000000	''		
F8A	LATB	0x96	150	10010110	'0'		
F8B	LATC	0x00	0	00000000	''		
F8C	LATD	0x00	0	00000000	''		
F8D	LATE	0x00	0	00000000	''		
F92	TRISA	0x7F	127	01111111	'0'		
F93	TRISB	0x00	0	00000000	''		
F94	TRISC	0xFF	255	11111111	'y'		
F95	TRISD	0xFF	255	11111111	'y'		
F96	TRISE	0x07	7	00000111	''		
F9D	PIE1	0x00	0	00000000	''		
F9E	PIR1	0x00	0	00000000	''		
F9F	PIR2	0xFF	255	11111111	'y'		

```

- #include<stdio.h>
  #include<stdlib.h>
  #include<pic18f458.h>

- void main(){
    int sub;
    sub = 0x0A - 0x01;
    TRISD = 0x00;
    PORTD = sub;
  }

```

SFRs	SFRs	Output	SFRs	SFRs x		
	Address	Name	Hex	Decimal	Binary	Char
	F81	PORTB	0x00	0	00000000	''
	F82	PORTC	0x00	0	00000000	''
	F83	PORTD	0x09	9	00001001	''
	F84	PORTE	0x00	0	00000000	''
	F89	LATA	0x00	0	00000000	''
	F8A	LATB	0x00	0	00000000	''
	F8B	LATC	0x00	0	00000000	''
	F8C	LATD	0x09	9	00001001	''
	F8D	LATE	0x00	0	00000000	''
	F92	TRISA	0x7F	127	01111111	'0'
	F93	TRISB	0xFF	255	11111111	'y'
	F94	TRISC	0xFF	255	11111111	'y'
	F95	TRISD	0x00	0	00000000	''
	F96	TRISE	0x07	7	00000111	''
	F9D	PIE1	0x00	0	00000000	''
	F9E	PIR1	0x00	0	00000000	''
	F9F	IPR1	0xFF	255	11111111	'y'
	FA0	PIE2	0x00	0	00000000	''

```

- #include<stdio.h>
  #include<stdlib.h>
  #include<pic18f458.h>

- void main(){
    int div;
    div = 0x0C / 0x02;
    TRISC = 0x00;
    PORTC = div;
  }

```

Address	Name	Hex	Decimal	Binary	Char
F81	PORTB	0x00	0	00000000	·
F82	PORTC	0x06	6	00000110	·
F83	PORTD	0x00	0	00000000	·
F84	PORTE	0x00	0	00000000	·
F89	LATA	0x00	0	00000000	·
F8A	LATB	0x00	0	00000000	·
F8B	LATC	0x06	6	00000110	·
F8C	LATD	0x00	0	00000000	·
F8D	LATE	0x00	0	00000000	·
F92	TRISA	0x7F	127	01111111	·
F93	TRISB	0xFF	255	11111111	·
F94	TRISC	0x00	0	00000000	·
F95	TRISD	0xFF	255	11111111	·
F96	TRISE	0x07	7	00000111	·
F9D	PIE1	0x00	0	00000000	·
F9E	PIR1	0x00	0	00000000	·
F9F	IPR1	0xFF	255	11111111	·
FA0	PIE2	0x00	0	00000000	·