```
-----MULTIPLICATION-----
#include<pic18f458.h>
#include<xc.h>
#include<stdio.h>
void main()
  int x,y,ans,rem;
  x = 8;
  y=2;
  int choice = 1;
  if(choice == 1)
     ans = x^*y;
  else if(choice == 2)
     ans = x/y;
     rem = x \% y;
  }
  TRISB = 0x00;
  PORTB = ans;
  TRISC = 0x00;
  PORTC = rem;
 SFRs X menuDriven.c
     Address
                                      Decimal
                                                                   Char
                 Name
                              Hex
                                               Binary
    F80
                 PORTA
                              0x00
                                      0
                                               00000000
 Q
     F81
                 PORTB
                              0x10
                                               00010000
                                      16
     F82
                              0x00
                                               00000000
                 PORTC
                                      0
     F83
                 PORTD
                              0x00
                                      0
                                               00000000
     F84
                 PORTE
                              0x00
                                      0
                                               00000000
     F89
                              0x00
                 LATA
                                      0
                                               00000000
                              0x10
                                      16
                                               00010000
     F8A
                 LATB
     F8B
                 LATC
                              0x00
                                      0
                                               00000000
     F8C
                 LATD
                              0x00
                                      0
                                               00000000
     F8D
                 LATE
                              0x00
                                      0
                                               00000000
     F92
                 TRISA
                              0x7F
                                      127
                                               01111111
     F93
                 TRISB
                              0x00
                                      0
                                               00000000
                              0x00
                                      0
                                               00000000
     F94
                 TRISC
                                      255
     F95
                 TRISD
                              0xFF
                                               11111111
     F96
                                               00000111
                 TRISE
                              0x07
     F9D
                              0x00
                                      0
                                               00000000
                 PIE1
```

Individual

 ∇

Form...

Mem...

SFRs

```
-----DIVISION-----
#include<pic18f458.h>
#include<xc.h>
#include<stdio.h>
void main()
  int x,y,ans,rem;
  x=8;
  y=2;
  int choice = 2;
  if(choice == 1)
    ans = x^*y;
  else if(choice == 2)
    ans = x/y;
    rem = x \% y;
  TRISB = 0x00;
  PORTB = ans;
  TRISC = 0x00;
  PORTC = rem;
}
```

SFR	s X menuD	riven.c					
	Address	Name	Hex	Decimal Binary		Char	
Q 	F80	PORTA	0x00	0	00000000		
	F81	PORTB	0x04	4	00000100		
	F82	PORTC	0x00	0	00000000		
Į.	F83	PORTD	0x00	0	00000000		
•	F84	PORTE	0x00	0	00000000		
	F89	LATA	0x00	0	00000000		
	F8A	LATB	0x04	4	00000100	12	
	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	0x00	0	00000000	- 9	
	F95	TRISD	0xFF	255	11111111	'ÿ'	
	F96	TRISE	0x07	7	00000111	9	

```
-----ANY OTHER-----
```

```
#include<pic18f458.h>
#include<xc.h>
#include<stdio.h>
void main()
  int x,y,ans,rem;
  x=8;
  y=2;
  int choice = 7;
  if(choice == 1)
    ans = x^*y;
  else if(choice == 2)
    ans = x/y;
    rem = x \% y;
  TRISB = 0x00;
  PORTB = ans;
  TRISC = 0x00;
  PORTC = rem;
}
```

Addre	ess Name	Hex	Decim	al Binary	Char
	INCINCINI	0,000	~	0000000	<u> </u>
₹ F80	PORTA	0x00	0	00000000	
F81	PORTB	0x00	0	00000000	
F82	PORTC	0x00	0	00000000	
F83	PORTD	0 m 0	0	00000000	- 1
F84	PORTE	0×0	0	00000000	- 1
F89	LATA	0x00	0	00000000	- 1
F8A	LATB	0x00	0	00000000	- 1
F8B	LATC	0x00	0	00000000	- 11
F8C	LATD	0x00	0	00000000	
F8D	LATE	0x00	0	00000000	
F92	TRISA	0x7F	127	01111111	' D'
F93	TRISB	0x00	0	00000000	
F94	TRISC	0x00	0	00000000	- 11
F95	TRISD	0xFF	255	11111111	'ÿ'
F96	TRISE	0x07	7	00000111	- 9
505	DIE 3		•	0000000	