

## Lab-2

23L-6006

23L-6012

23L-6077

### Q1

```

LIST P=16F877
#include <P16F877.inc>

ORG 0x00
GOTC MAIN

MAIN:
BANKSEL TRISB
CLRF TRISB

BANKSEL TRISC
CLRF TRISD

BANKSEL PORTB
MOVWF 0x55
MOVWF PORTB

BANKSEL PORTC
MOVWF 0xAA
MOVWF PORTC

BANKSEL PORTD
MOVWF 0xFF
MOVWF PORTD

END

```

Address	SFR Name	Hex
005	PORTE	0x00
006	PORTB	0x55
007	PORTC	0xAA
008	PORTD	0xFF
009	PORTE	0x00
00A	PCLATH	0x00
00B	INTCON	0x00
00C	PIR1	0x00
00D	PIR2	0x00
00E	TMR1	0000
00F	TMR1X	0000

### Q2

```

LIST P=16F877
#include <P16F877.inc>

ORG 0x00
GOTC MAIN

MAIN:
MOVWF 0x10;
MOVWF 0x11;

MOVWF 0x10;
MOVWF 0x21;

MOVWF 0x10;
MOVWF 0x41;

END

```

Address	SFR Name	Hex
000	WREG	0x0F
001	INDF	--
002	TMRO	0x00
003	PCL	0x00
004	STATUS	0x19
005	FSR	0x00
006	PORTA	0x00
007	PORTB	0x55
008	PORTC	0xAA
009	PORTD	0xFF

### Q3

