

PSDL Assignment 1 Code

Name: - Harsh Thakkar

Roll no: - 23276

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

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

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

```
/*
```

```
*
```

```
*/
```

```
int a=0x22;
```

```
int b=0x33;
```

```
int main(int argc, char** argv) {
```

```
    TRISB=0;
```

```
    TRISC=0;
```

```
    TRISD=0;
```

```
    PORTB=a;
```

```
    PORTC=b;
```

```
    PORTD=PORTB+PORTC;
```

```
    return (EXIT_SUCCESS);
```

```
}
```

Address /	Name	Hex	Decimal	Binary	Char
F80	PORTA	0x00	0	00000000	'.'
F81	PORTB	0x22	34	00100010	''
F82	PORTC	0x33	51	00110011	'3'
F83	PORTD	0x55	85	01010101	'U'
F84	PORTE	0x00	0	00000000	'.'

Address /	Name	Hex	Decimal	Binary	Char
F83	PORTD	0x55	85	01010101	'U'
F84	PORTE	0x00	0	00000000	'.'
F89	LATA	0x00	0	00000000	'.'
F8A	LATB	0x22	34	00100010	''
F8B	LATC	0x33	51	00110011	'3'

Address /	Name	Hex	Decimal	Binary	Char
F8C	LATD	0x55	85	01010101	'U'
F8D	LATE	0x00	0	00000000	'.'
F92	TRISA	0x7F	127	01111111	'□'
F93	TRISB	0x00	0	00000000	'.'
F94	TRISC	0x00	0	00000000	'.'

Address /	Name	Hex	Decimal	Binary	Char
F93	TRISB	0x00	0	00000000	'.'
F94	TRISC	0x00	0	00000000	'.'
F95	TRISD	0x00	0	00000000	'.'
F96	TRISE	0x07	7	00000111	'.'
F9D	PIE1	0x00	0	00000000	'.'

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F76	TXE...	0x00	0	00000000	'.'
F80	PORTA	0x00	0	00000000	'.'
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F8A	LATB	0x22	34	00100010	''
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F92	TRISA	0x7F	127	01111111	'□'
F93	TRISB	0x00	0	00000000	'.'
F94	TRISC	0x00	0	00000000	'.'
F95	TRISD	0xFF	255	11111111	'ÿ'
F96	TRISE	0x07	7	00000111	'.'

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