ASSIGNMENT – 1

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Batch: SE9 G9

Problem Statement: Write a Embedded C program to add two numbers and display digits on Port B, Port C and Port D.

Ans:

#include <xc.h>

#include<stdio.h>

#include<pic18f4550.h>


```c
void main(void) {
    int a=82;
    int b=33;

    TRISA=0x00;
    TRISB=0x00;
    TRISC=0x00;


    PORTA=a;
    PORTB=b;
    PORTC=PORTA+PORTB;
    return;
}
```

OUTPUT:

ches	Variables	File Registers	Notifications	Output	Call Stack	Breakpoints	SFRs x

Address /	Name	Hex	Decimal	Binary	Char
F75	RXERRCNT	0x00	0	00000000	'.'
F76	TXERRCNT	0x00	0	00000000	'.'
F80	PORTA	0x00	0	00000000	'.'
F81	PORTB	0x82	130	10000010	'□'
F82	PORTC	0x33	51	00110011	'3'
F83	PORTD	0xB5	181	10110101	'µ'
F84	PORTE	0x00	0	00000000	'.'
F89	LATA	0x00	0	00000000	'.'
F8A	LATB	0x82	130	10000010	'□'
F8B	LATC	0x33	51	00110011	'3'
F8C	LATD	0xB5	181	10110101	'µ'