4. A multiplication

#include <stdio.h>

#include <stdlib.h>

#include <pic18f452.h>

//multiplication using successive addition

void main(void) {

//static int v\_mem[] = 0x55; @0x0005

int num1, num2;

int result,i;

result = 0;

num1 = 0x23;

num2 = 0x10;

for(i=1; i<=num2; i++)

{

result = result + num1;

}

TRISB =0;

PORTB = result;

TRISC=0;

PORTC=num1\*num2;

}