**Group A: Assignment 3(b)**

**Division of two hexadecimal number.**

#include <stdio.h>

#include <stdlib.h>

#include <PIC18F4550.h>

void main(void)

{

int num1, num2;

int result;

result = 0;

num1 = 0x23;

num2 = 0x10;

while (num1 >= num2)

{

num1 = num1 - num2;

result++;

}

TRISD = 0;

PORTD = result; // Assign the value of result to PORTD

}