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#include <xc.h>
#include <pic18f4550.h>

#pragma config FOSC = HS, WDT = OFF, LVP = OFF

void main(void)
{
    unsigned char a = 6; // first number
    unsigned char b = 7; // second number
    unsigned int result = 0;

    result = a * b;    // multiplication

    TRISD = 0x00;      // PORTD output
    PORTD = result;    // show result on LEDs

    while(1);
}
```