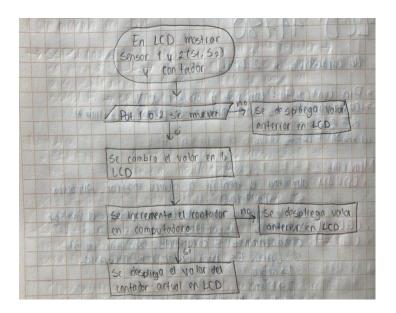
Nicole Prem 18337

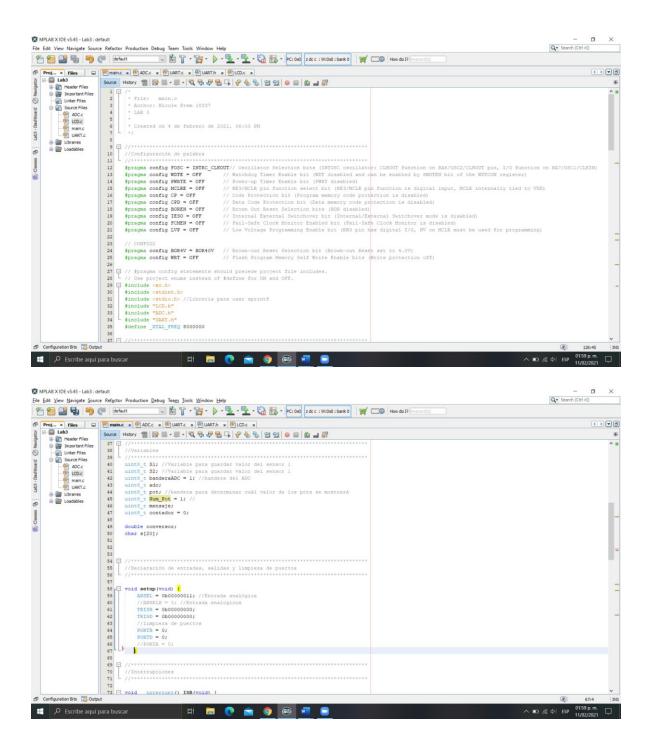
### Laboratorio #3

# Diagrama de flujo



# Código documentado

Main



```
MPLAB X IDE v5.45 - Lab3 : default
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                                                                                                                                                                                                     Lab3

Header Files

Important Files

Linker Files

Source Files

LOD.c

                                                                                                                                                                                                              //Interrupción UART - Recepción

if (FIRIbits.8CIF == 1) {
   if (ROTADits.OERE == 1) {
        RCSTADits.CREM == 0;
        delay_us(200);
   } else {
  Lab3 - Dashboard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     W
                                                                                                                                                                                                                                                                                                  r else {
    mensaje = RCREG; //Se carga el + 0 el -
}
                                                                                                                                                                                                                                                                                                        ^ ♣ 10 // dv) ESP 01:59 p. m. □
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Image: ADCC x @JurkTc x @Jur
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                                              Lab3

Header Files

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ADC ADC MILES

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                                                                                                                                                                                             pot = AADC (banderaADC, Num Fos):

//contenso de la impresión de Si y S2
//bod_clast();
Lod_Set_Cursoc(1, 1);
Lod_Set_Cursoc(1, 1);
Lod_Set_Cursoc(1, 1);
Lod_Set_Cursoc(2, 1); //bosición S1
sprint(s, "%3.2f", conversor): //valor S1
Lod_Set_Cursoc(2, 1); //bosición S1
sprint(s, "%3.2f", conversor): //valor S1
Lod_Set_Cursoc(2, 1); //princión S2
sprint(s, "%3.2f", conversor): //valor S2
Lod_Set_Cursoc(2, 7); //Fisición S2
sprint(s, "%3.2f", conversor): //valor S2
Lod_Set_Cursoc(2, 7); //Fisición S2
//contenso de la impresión contador
                                                                                                                                                                                                              1110 | 1111 | 1121 | 1131 | 1141 | 1151 | 1151 | 1161 | 1171 | 118 | 1162 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 118 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 | 1171 
  Lab3 - Dashboard
                                                                                                                                                                                                                                                                                                                                     Lod Write String(s);

//Comiense de la impresión contador
Lod Sec_Oursor(2, 14); //Posición S3
sprint(s, "sd", contador); //Valor contador
Lod Write String(s);
write(s); //mandar el valor y verificar que se mande el dato
__delay_ms(250);
if (mennas)e = 0x2B) {
contador++;
mennas|e = 0;
} else if (mennas|e = 0x2D) {
contador--;
contador--;
                                                                                                                                                                                                                                                                                                                                                       contador--;
mensaje = 0;
                                                                                                                                                                                                                                                                                                                                           if (contador >=0 && contador <10) {
   Lcd_Clear();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ^ ♣ ID (6 4)) ESP 02:00 p. m. □
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#### **LCD**

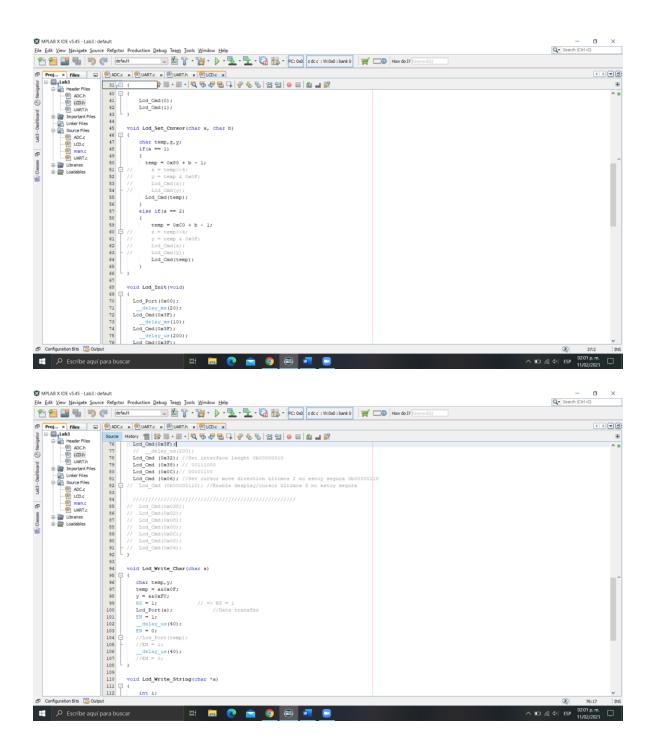
#### **Archivo Heather**

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#### Source file

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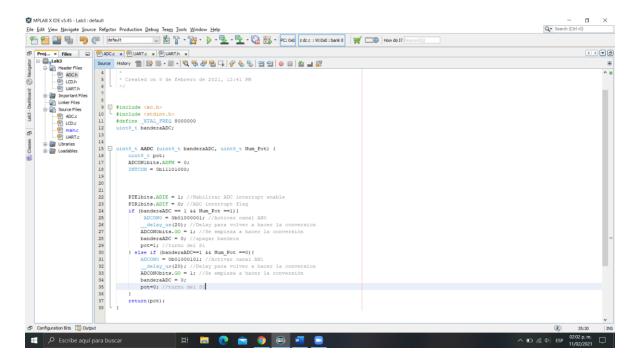
#### **ADC**

### **Archivo Heather**

```
Configuration Bis Outset

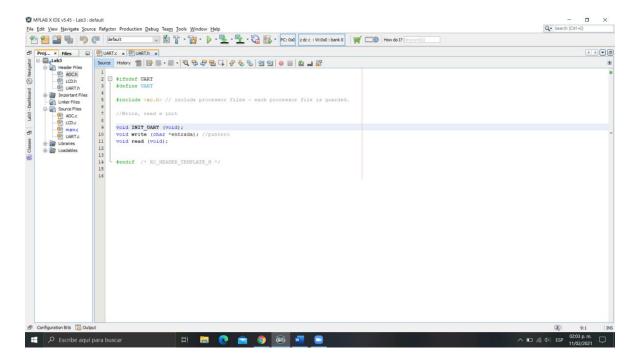
Configuration Bis
```

#### Source file

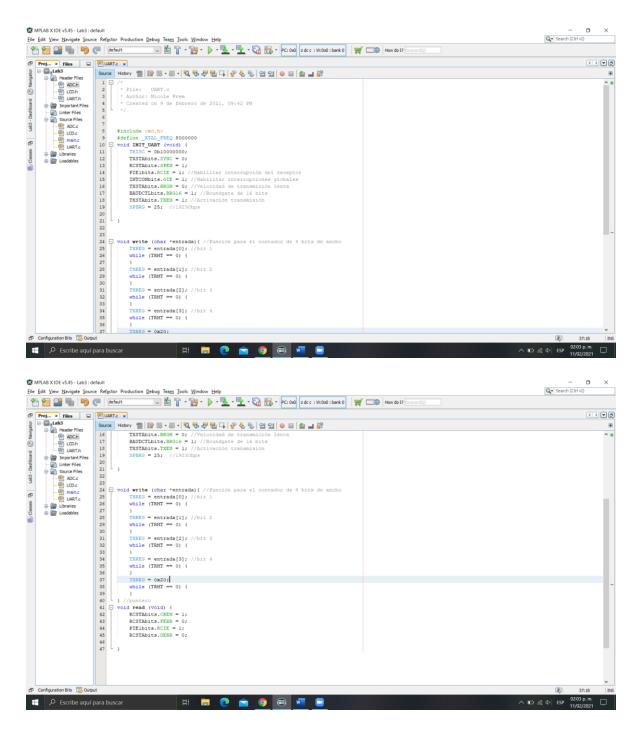


#### Comunicación UART

#### **Archivo Heather**



Source file



Link del respositorio de GitHub

https://github.com/nicoleprem/Digital-2.git