Comienza la progra y limpios puertos

Comienza interrupción, espera los datos

Envía por Tx

Enciende los leds

Hace lectura de I2C

Interrupción RCIF

|  |
| --- |
| start setup: |
|  | config analog |
|  | config io |
|  | clear ports |
|  | config UART |
|  | config I2C |
|  | end setup |
|  |  |
|  | start isr: |
|  | if RCIF: |
|  | save RCREG |
|  | set RCIF |
|  | end |
|  | end isr |
|  |  |
|  | start main: |
|  | call setup |
|  | loop forever: |
|  | read I2C |
|  | write TXREG |
|  | read RCREG |
|  | if RCREG |
|  | write PORTE.bits |
|  | end loop |

Almacena datos

Comienza la progra y declaramos las variables

Configuramos e inicia

Espera el dato

Escribe el mensaje

Recibe datos IOT

Espera la conexión

|  |
| --- |
| set variables |
|  | set feeds |
|  | read AdafruitIO\_Data function |
|  |  |
|  | start setup: |
|  | config io |
|  | config serial |
|  | call read AdafruitIO\_Data function |
|  | connect to cloud |
|  | end setup |
|  |  |
|  | start main: |
|  | cloud run |
|  | if read Serial |
|  | write AdafruitIO\_cloud |
|  | if AdafruitIO\_Data\_in |
|  | write Serial Data |
|  | end loop |