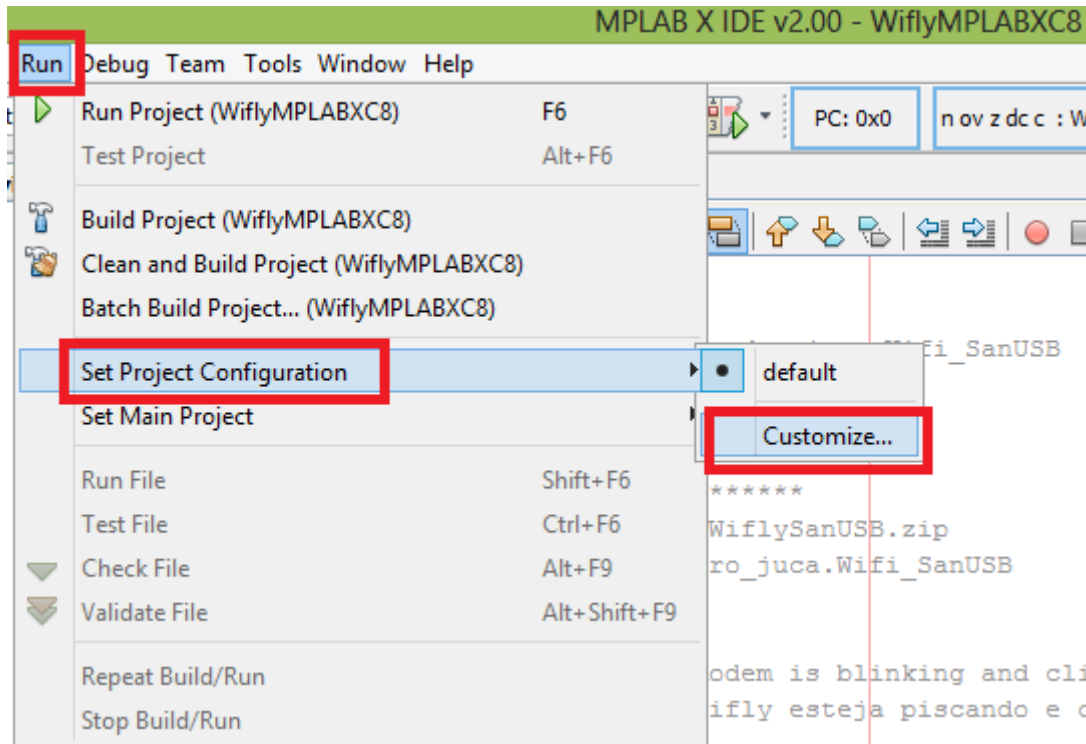


## Compilando com XC8 e gravando o microcontrolador via USB na Placa SanUSB

Após instalar o MPLABX IDE v.2.00 e o compilador XC8 v.1.31 ou superior em <https://drive.google.com/?tab=wo&authuser=0#folders/0B5332OAhnMe2STE4MFNBQ2dqYW> descompacte o arquivo .zip e abra o projeto [https://dl.dropboxusercontent.com/u/101922388/ProjSanUSB1\\_MPLABX/Projeto1XC8.X.zip](https://dl.dropboxusercontent.com/u/101922388/ProjSanUSB1_MPLABX/Projeto1XC8.X.zip) no MPLABX. Para possibilitar a transferência do firmware, via USB, para a placa SanUSB, configure o MPLABX da seguinte forma:

Se for a primeira vez, acesse *Customize*:



Modifique no XC8 linker, o *code offset* em *Additional options* para 0x1000 e o *memory model* para *default,-0-FFF,-1006-1007,-1016-1017* como abaixo.

Project Properties - WiflyMPLABXC8

Categories:

- General
- Conf: [default]**
  - PICkit 2
  - Loading
  - Libraries
  - Building
  - XC8 global options
    - XC8 compiler
    - XC8 linker**

Options for xc8 (v1.31)

Option categories: **Additional options** [Reset]

Extra Linker Options	
Serial	...
Codeoffset	<b>0x1000</b>
Checksum	
Errata	
Trace type	(N/A)
Extend address 0 in HEX file	<input type="checkbox"/>
Use response file to link	<input type="checkbox"/>

Additional options:

Option Description: Generated Command Line

Manage Configurations...

Categories:

- General
- Conf: [default]**
  - PICkit 2
  - Loading
  - Libraries
  - Building
  - XC8 global options
    - XC8 compiler
    - XC8 linker**

Options for xc8 (v1.31)

Option categories: **Memory model** [Reset]

Size of Double	24 bit
Size of Float	24 bit
External memory	Wordwrite
RAM ranges	
ROM ranges	<b>default,-0-FFF,-1006-1007,-1016-1017</b>

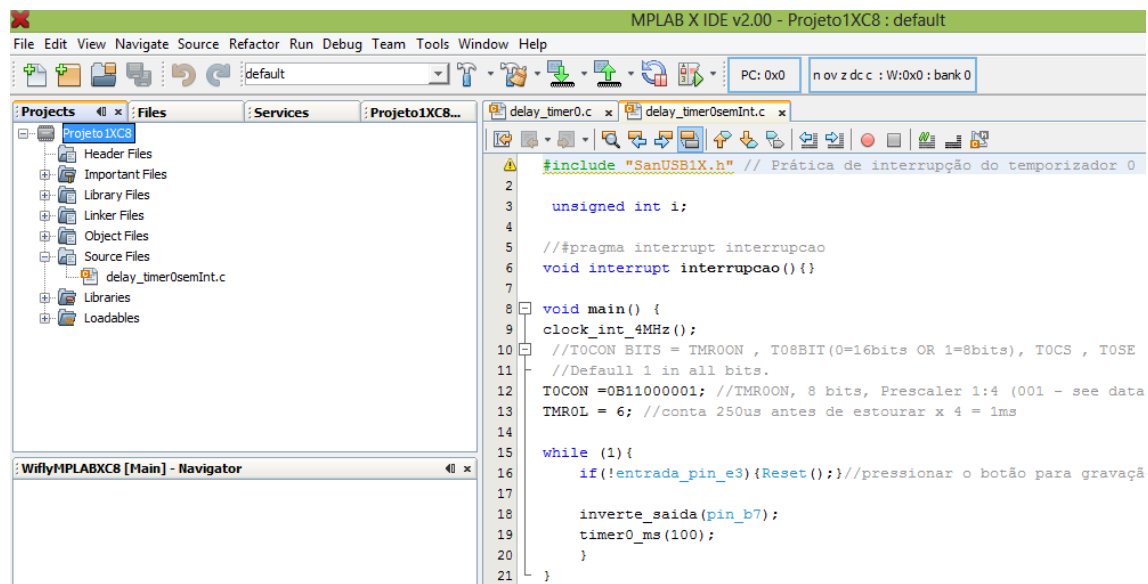
Additional options:

Option Description: Generated Command Line

Manage Configurations...

OK Cancel Apply Unlock Help

Pronto agora basta selecionar um arquivo.c em *Source Files* e clicar *Clean and Build Main Project* para compilar.



Depois basta selecionar o *Projeto1XC8.X.production.hex* e gravar no microcontrolador via USB:

