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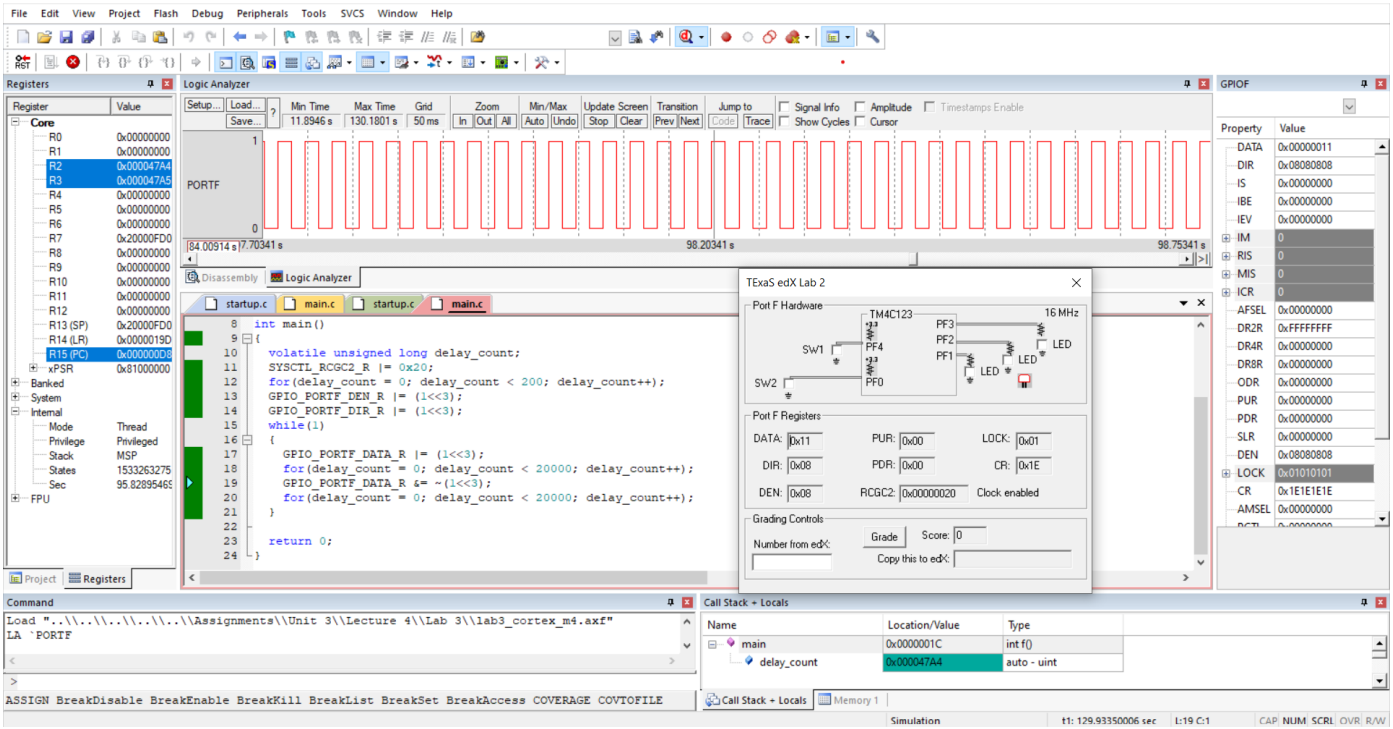
Lab 3

Building project using Makefile

```
MINGW64:/d/ks_diploma/Assignments/Unit 3/Lecture 4/Lab 3

Mohanad@LAPTOP-D8IODKRS MINGW64 /d/ks_diploma/Assignments/Unit 3/Lecture 4/Lab 3
$ make
arm-none-eabi-gcc.exe -c -I . -mthumb -mcpu=cortex-m4 -gdwarf-2 main.c -o main.o
arm-none-eabi-gcc.exe -c -I . -mthumb -mcpu=cortex-m4 -gdwarf-2 startup.c -o sta
rtup.o
arm-none-eabi-ld.exe -T linker_script.ld  main.o startup.o  -o lab3_cortex_m4.el
f -Map=Map_file.map
arm-none-eabi-objcopy.exe -O binary lab3_cortex_m4.elf lab3_cortex_m4.bin
=====build is done=====
```

Debugging on Keil using simulator



Debugging on Keil using TivaC board and Stellaris ICDI