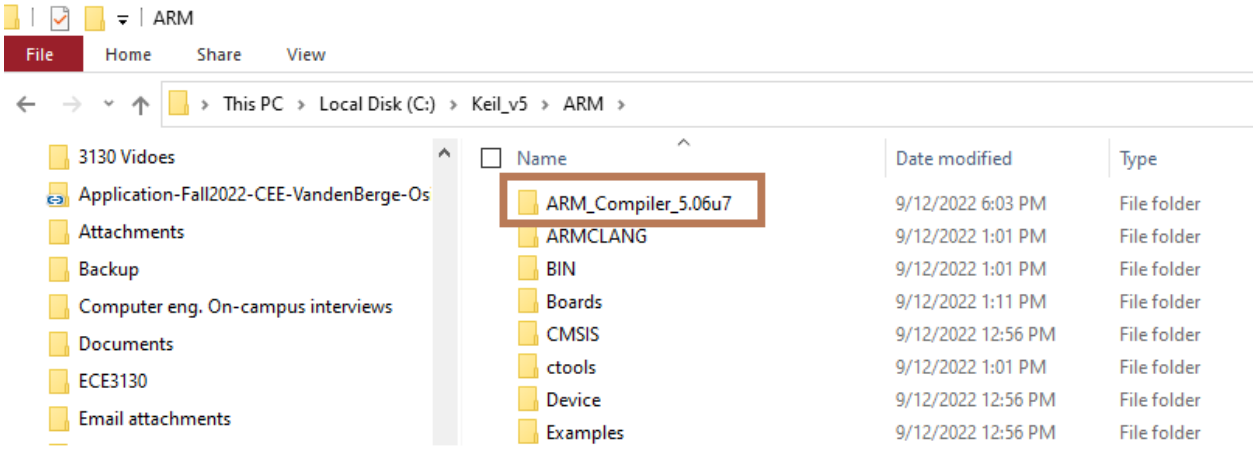
Contributed by **Mahmoud, Mohamed** <mmahmoud@tntech.edu>

(1) Download compiler 5 from here

https://www.cae.tntech.edu/~mmahmoud/teaching_files/undergrad/ECE3130-ARM/ARMCompiler_506_Windows_x86_b960.zip

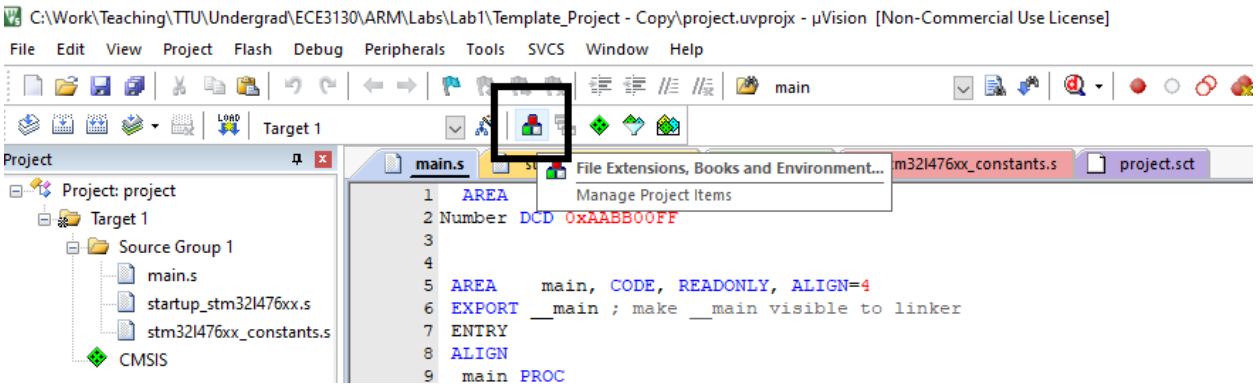
(2) Unzip the file and click on setup

Make sure the compiler is installed under ARM/ARM_Compiler_5.06u7

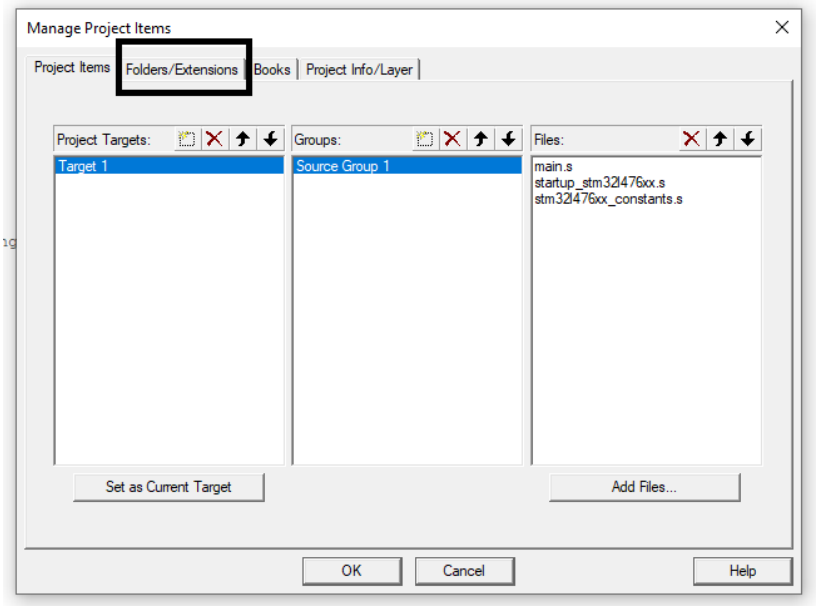


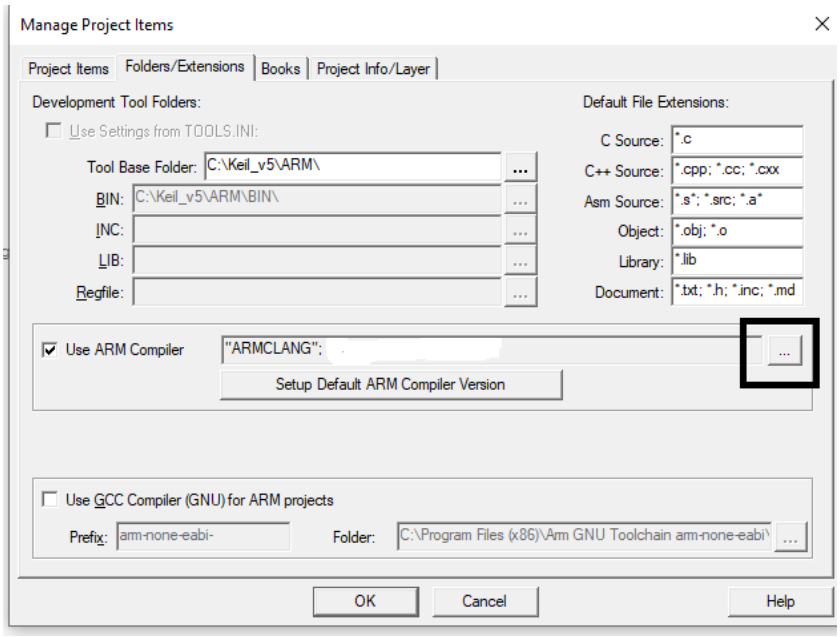
(3) In uVision 5

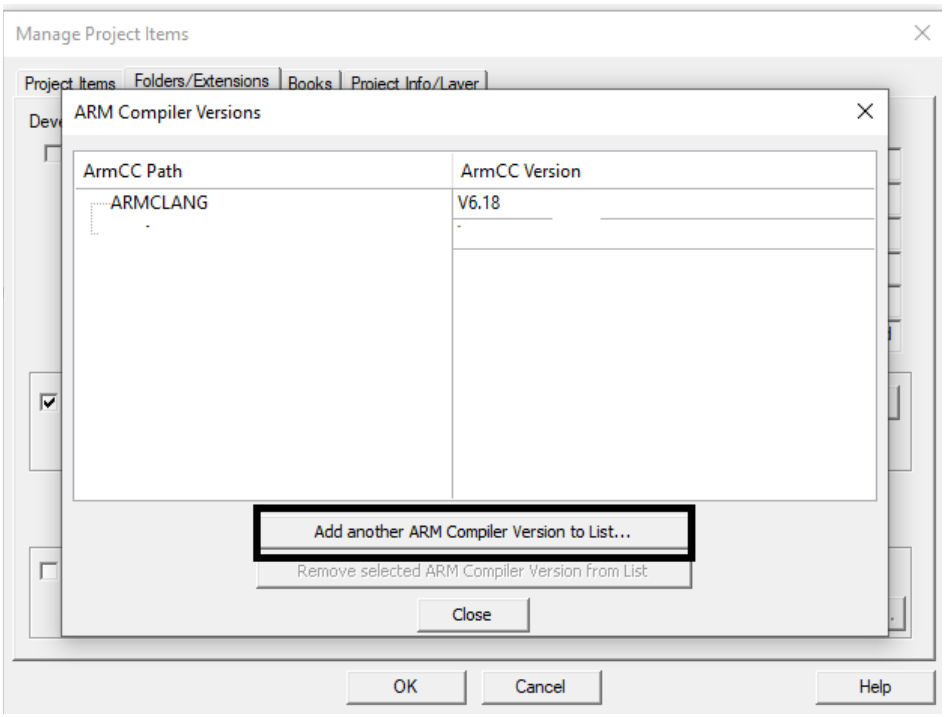
Click file extensions, books and environment

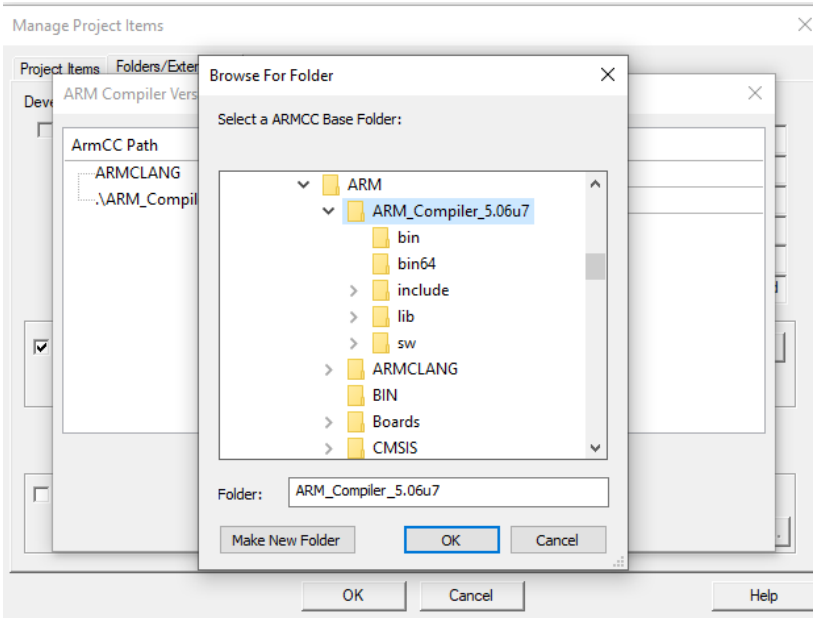


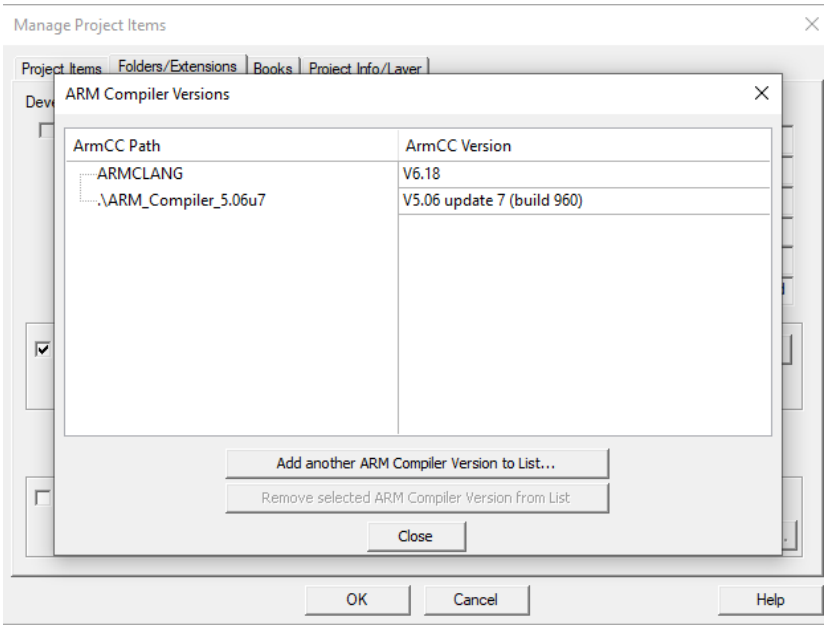
Click Folders/Extensions

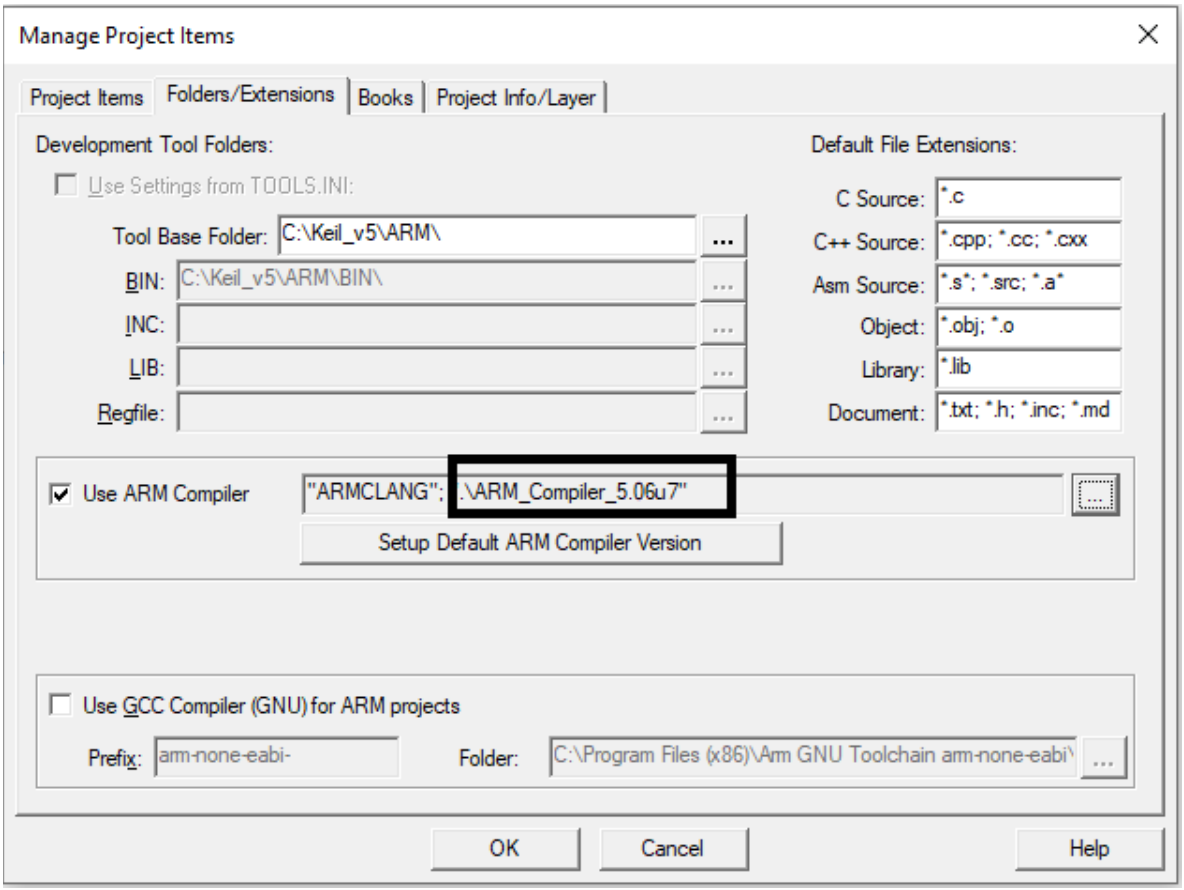

Manage Project Items
Project Items
Folders/Extensions
Books
Project Info/Layer
Project Targets:
Target 1
Groups:
Source Group 1
Files:
main.s
startup_stm32l476xx.s
stm32l476xx_constants.s
Set as Current Target
Add Files...
OK
Cancel
Help

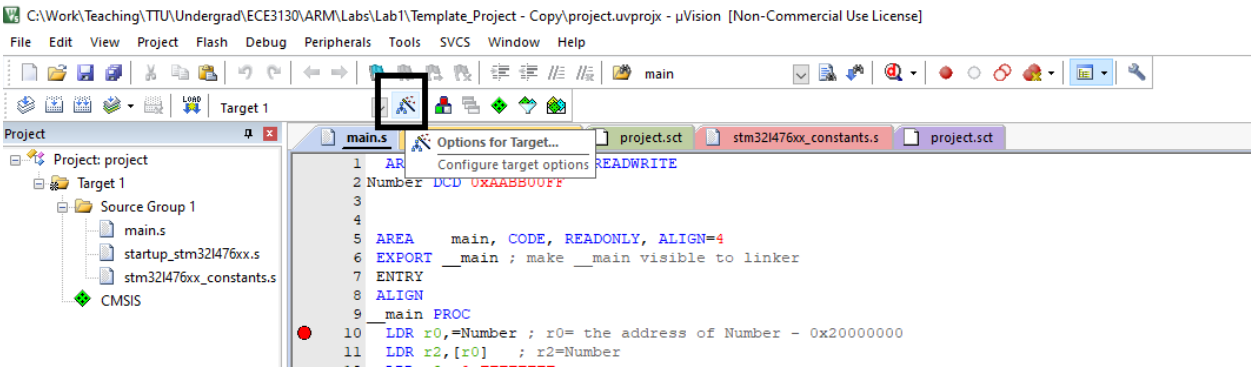
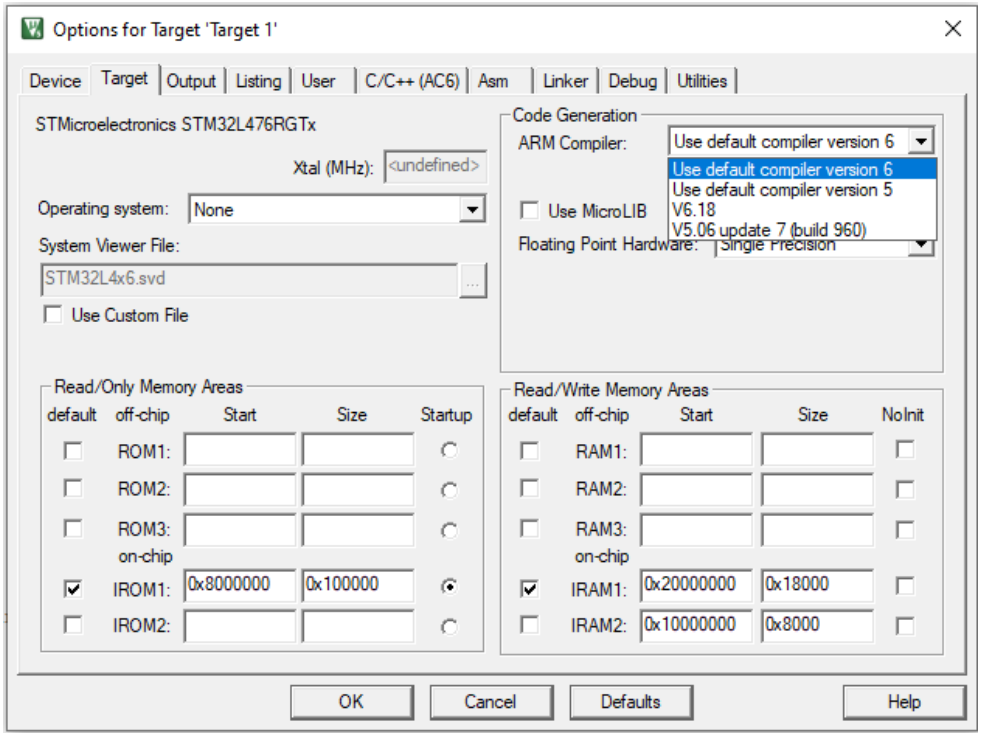

Manage Project Items
Project Items
Folders/Extensions
Books
Project Info/Layer
Development Tool Folders:
Use Settings from TOOLS.INI:
Tool Base Folder:
C:\Keil_v5\ARM\
BIN:
C:\Keil_v5\ARM\BIN\
INC:
LIB:
Regfile:
Default File Extensions:
C Source:
*.c
C++ Source:
*.cpp; *.cc; *.cxx
Asm Source:
.s; *.src; *.a*
Object:
*.obj; *.o
Library:
*.lib
Document:
*.txt; *.h; *.inc; *.md
Use ARM Compiler
"ARMCLANG";
Setup Default ARM Compiler Version
Use GCC Compiler (GNU) for ARM projects
Prefix:
arm-none-eabi-
Folder:
C:\Program Files (x86)\Arm GNU Toolchain arm-none-eabi\
OK
Cancel
Help


Manage Project Items
Project Items
Folders/Extensions
Books
Project Info/Layer
ARM Compiler Versions
ArmCC Path
ArmCC Version
ARMCLANG
V6.18
Add another ARM Compiler Version to List...
Remove selected ARM Compiler Version from List
Close
OK
Cancel
Help


Manage Project Items
Browse For Folder
Select a ARMCC Base Folder:
ARM
ARM_Compiler_5.06u7
bin
bin64
include
lib
sw
ARMCLANG
BIN
Boards
CMSIS
Folder:
ARM_Compiler_5.06u7
Make New Folder
OK
Cancel
ArmCC Path
ARMCLANG
OK
Cancel
Help


Manage Project Items
Project Items
Folders/Extensions
Books
Project Info/Layer
ARM Compiler Versions
ArmCC Path
ArmCC Version
ARMCLANG
V6.18
.\ARM_Compiler_5.06u7
V5.06 update 7 (build 960)
Add another ARM Compiler Version to List...
Remove selected ARM Compiler Version from List
Close
OK
Cancel
Help


Manage Project Items
Project Items
Folders/Extensions
Books
Project Info/Layer
Development Tool Folders:
Use Settings from TOOLS.INI:
Tool Base Folder:
C:\Keil_v5\ARM\
BIN:
C:\Keil_v5\ARM\BIN\
INC:
LIB:
Regfile:
Default File Extensions:
C Source:
*.c
C++ Source:
*.cpp; *.cc; *.cxx
Asm Source:
.s; *.src; *.a*
Object:
*.obj; *.o
Library:
*.lib
Document:
*.txt; *.h; *.inc; *.md
Use ARM Compiler
"ARMCLANG"; .\ARM_Compiler_5.06u7"
Setup Default ARM Compiler Version
Use GCC Compiler (GNU) for ARM projects
Prefix:
arm-none-eabi-
Folder:
C:\Program Files (x86)\Arm GNU Toolchain arm-none-eabi\
OK
Cancel
Help



Select version 5 from here