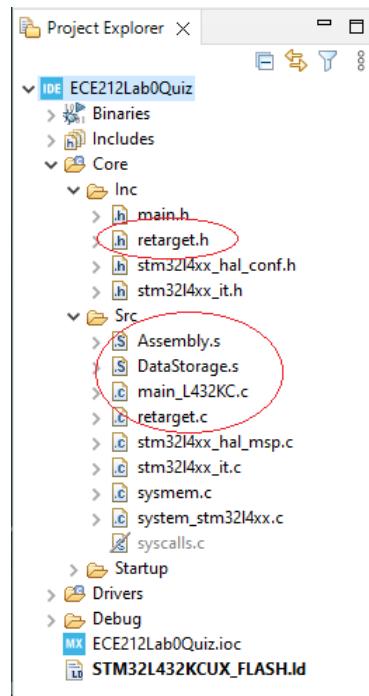
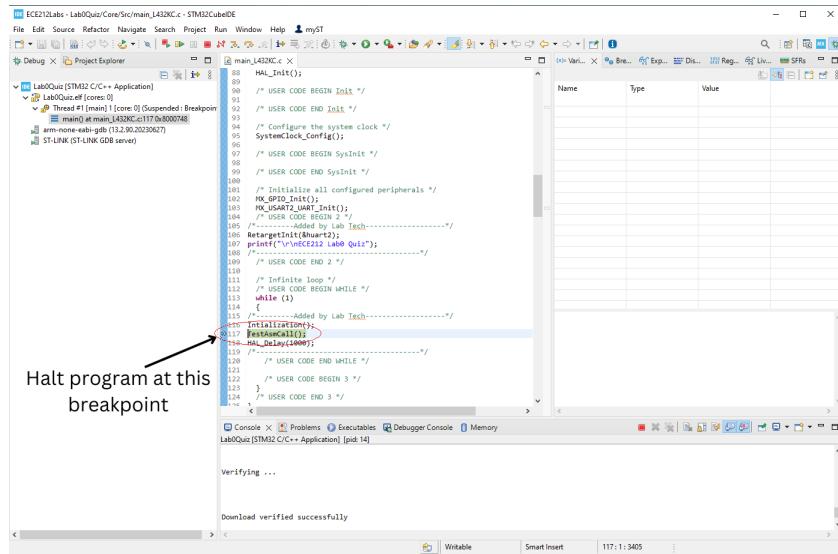


## ECE212 Quiz

1. Close STM32CubeIDE and launch STM32CubeMX
2. Create a new project and call it 'ECE212Lab0Quiz'.
3. Download the files from the 'Lab0Quiz' folder on Canvas and place them in your project. Don't forget to configure your project to communicate with a Serial Communication program(ie, MTTSY)

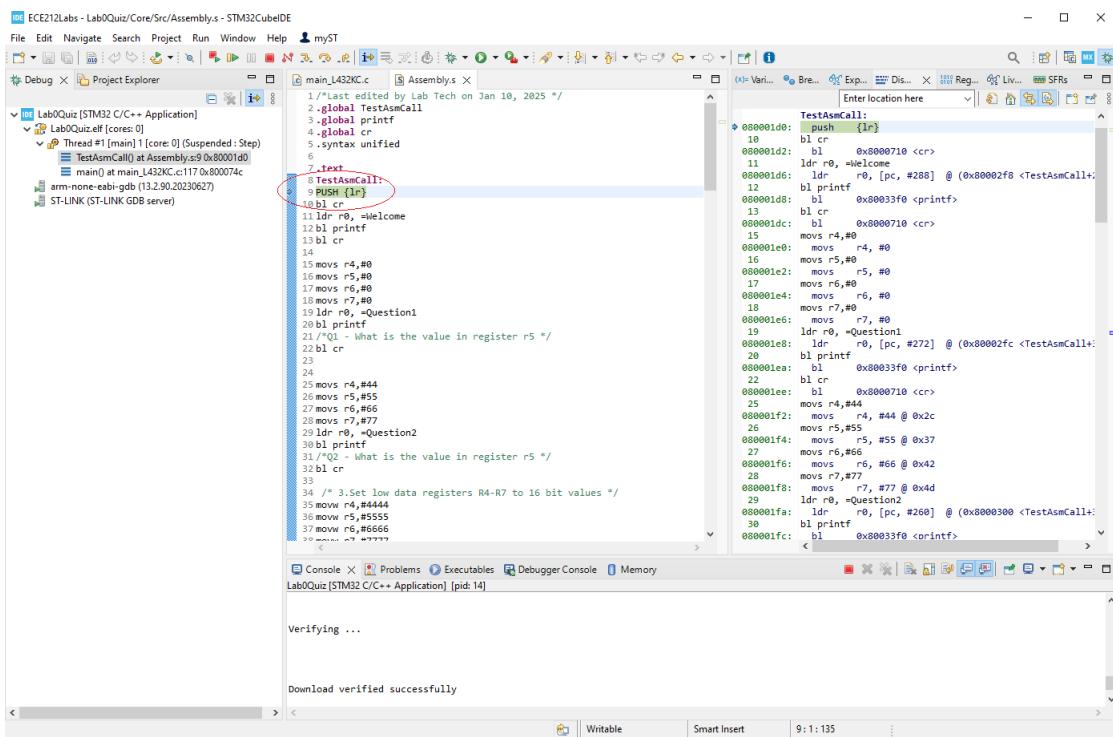


4. Place a breakpoint at the line 'TestAsmCall' in the 'main\_L432KC.c' file and create a Debugger session. Run the program until it halts at that breakpoint.

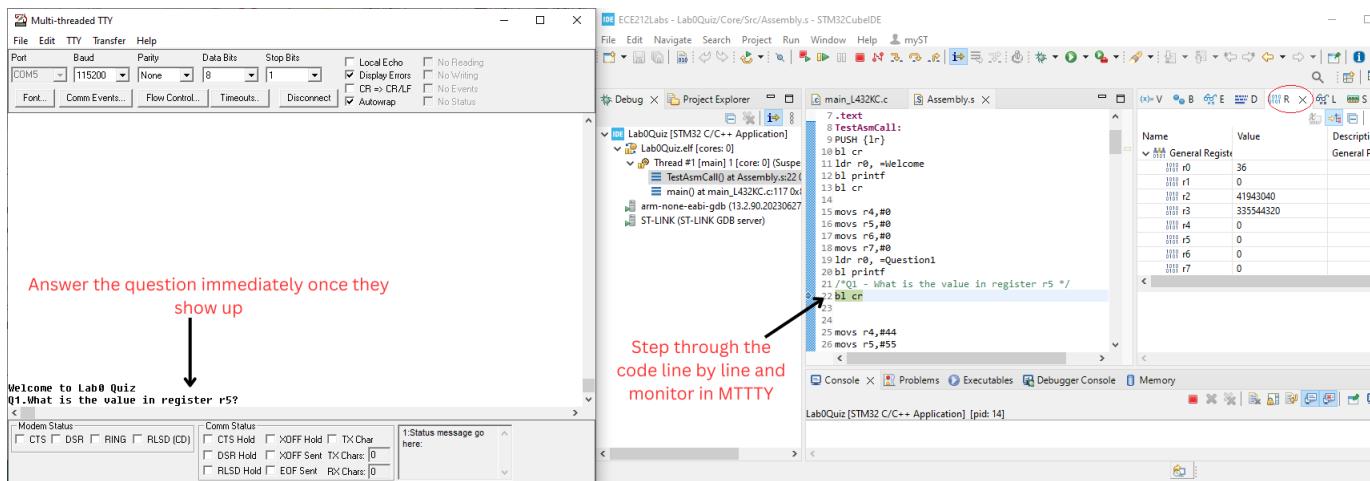


5. Start the ‘MTTY’ program and connect to the Nucleo board

## 6. Step into the ‘TestAsmCall()’ Assembly Code.



7. Open up the ‘Register’ Window and Step through the assembly code line by line. Monitor the screen in the ‘MTTY’ program for when it prompts you to answer the question. When the text pops up, that is when you need to answer the question.



8. To submit your answers, start the Lab0Quiz in Canvas. The quiz is made up of multiple choice questions and only one attempt will be allowed. I strongly recommend that you record the answers on a piece of paper and review them before submitting the quiz.

ECE 212 (Introduction to microprocessors) – Winter 2026 LAB (all) > Assignments > Lab0 Quiz - H11\_2026

Lab0 Quiz - H11

1 Multiple Choice 1 point

What is the value in register r5?

10  
 0  
 1  
 2

Return Next