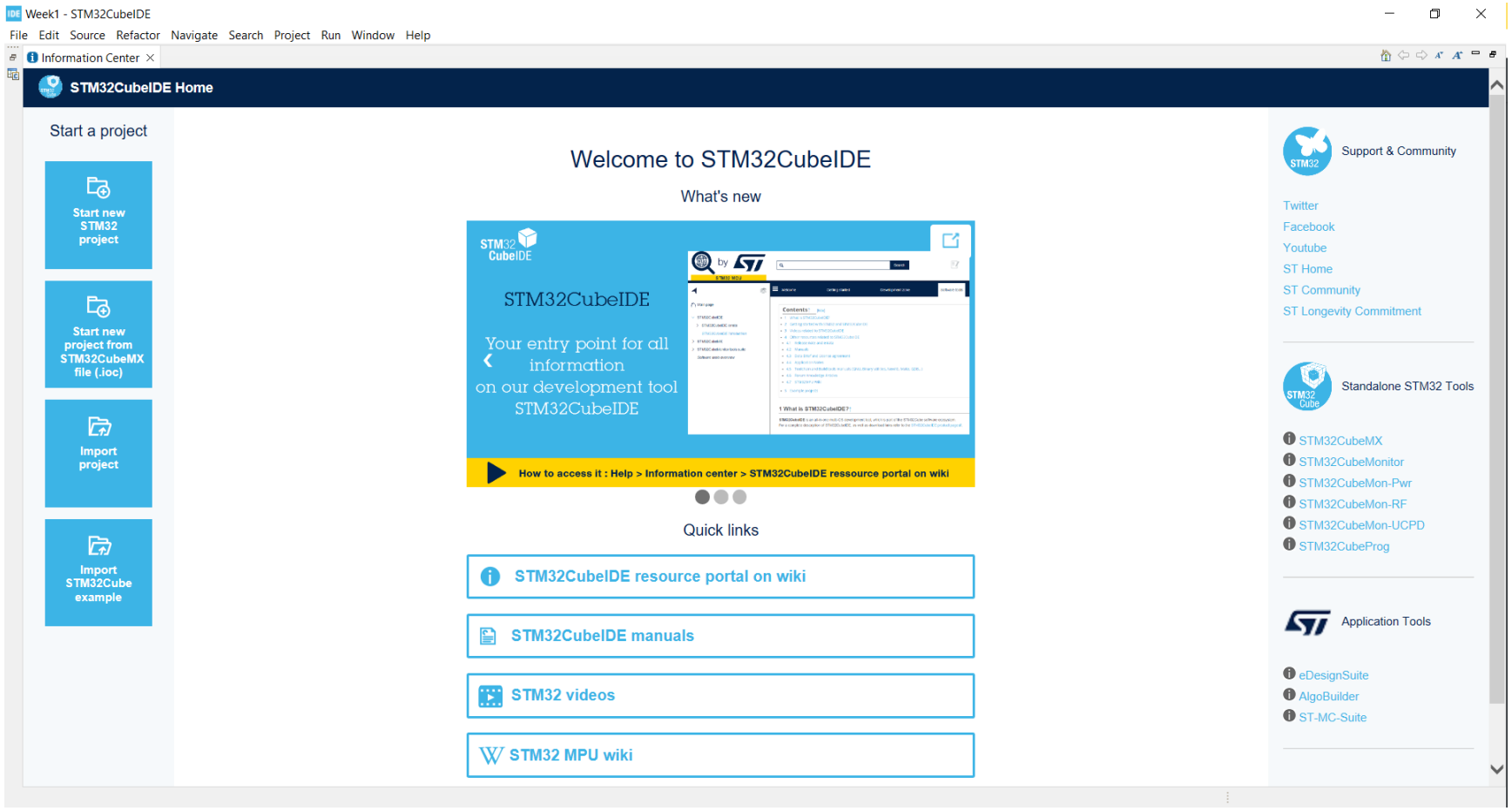
UCSD Embedded C Assignment 1

By

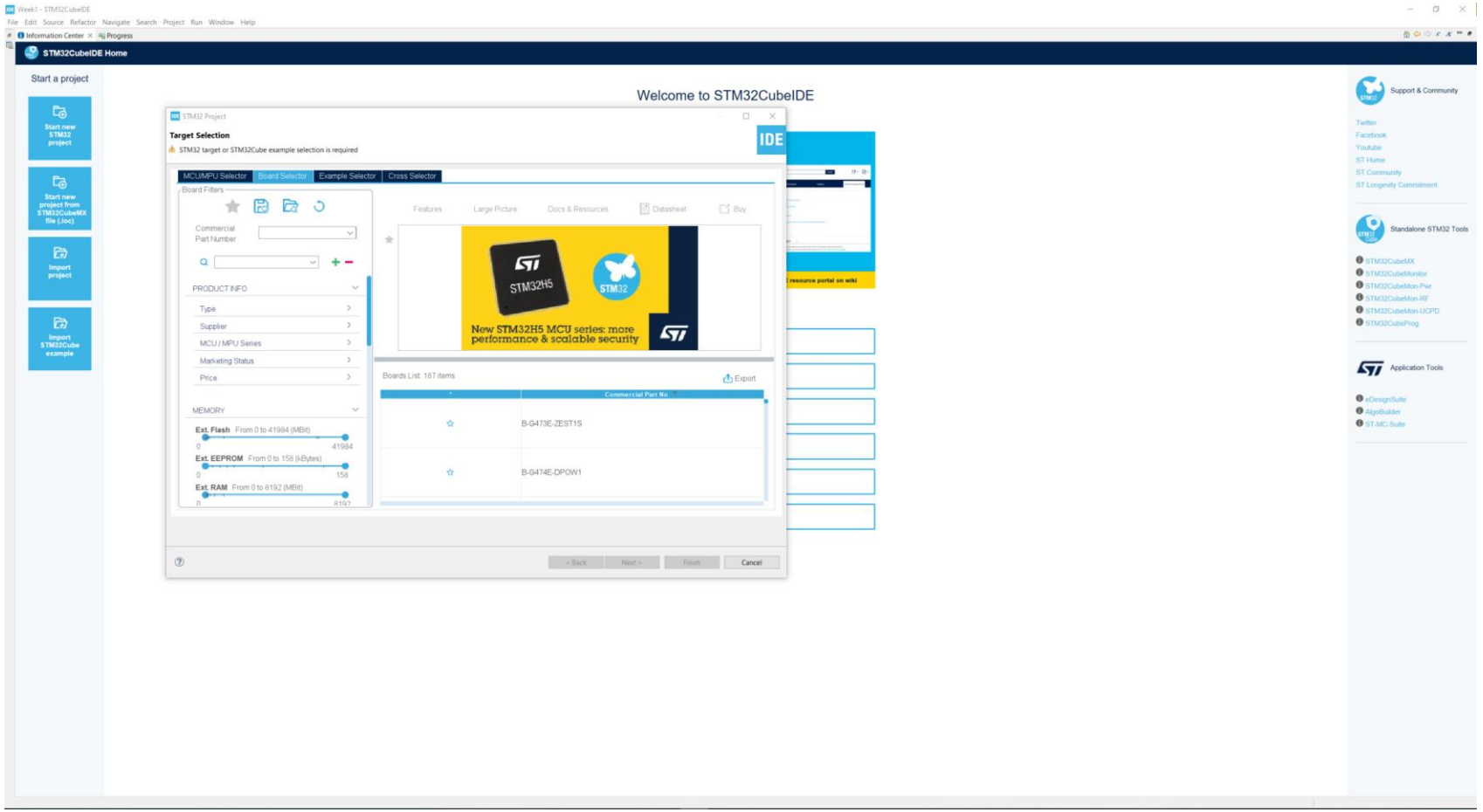
Hsuankai Chang

hsuankac@umich.edu

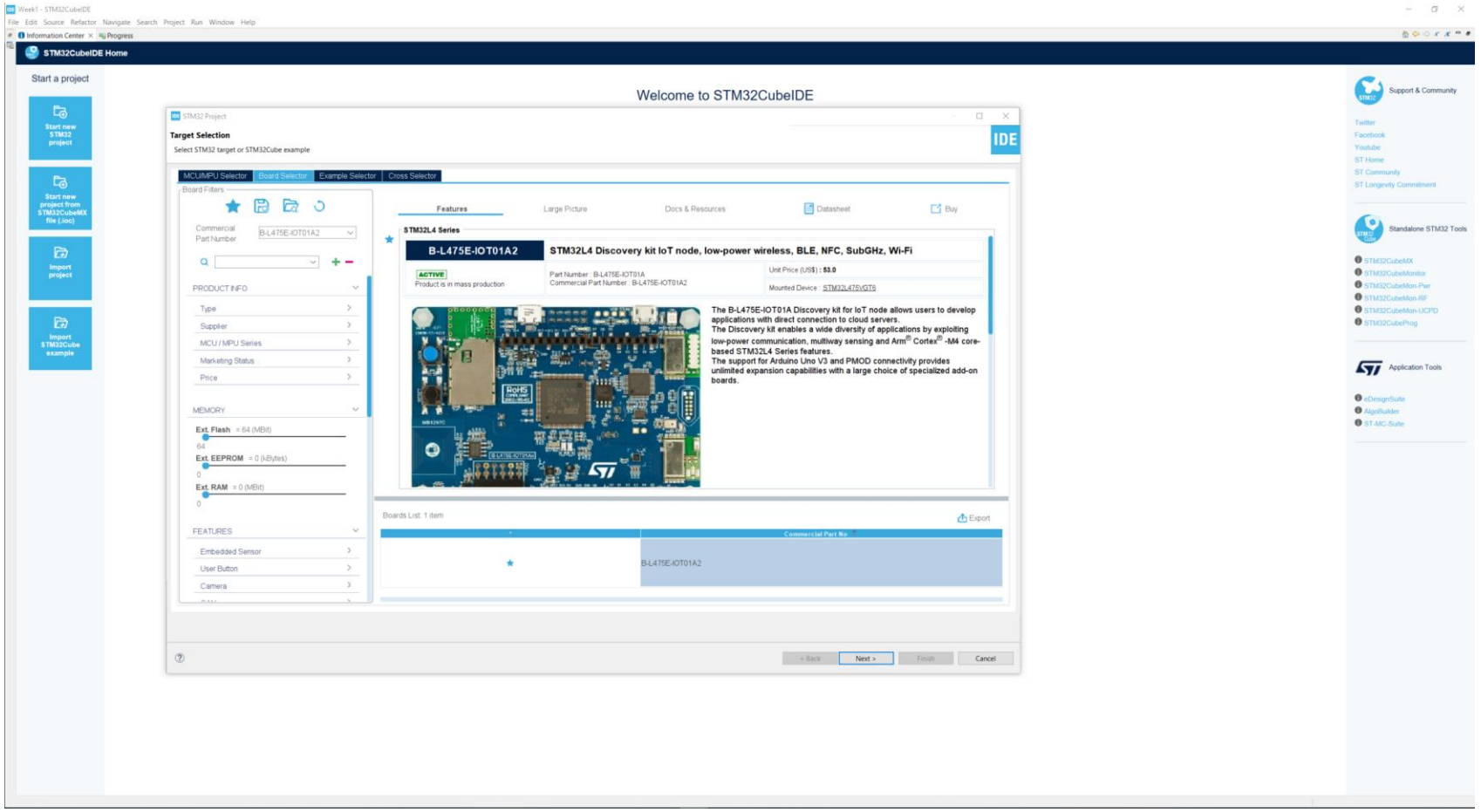
Step 1. Startup STM32CubeIDE



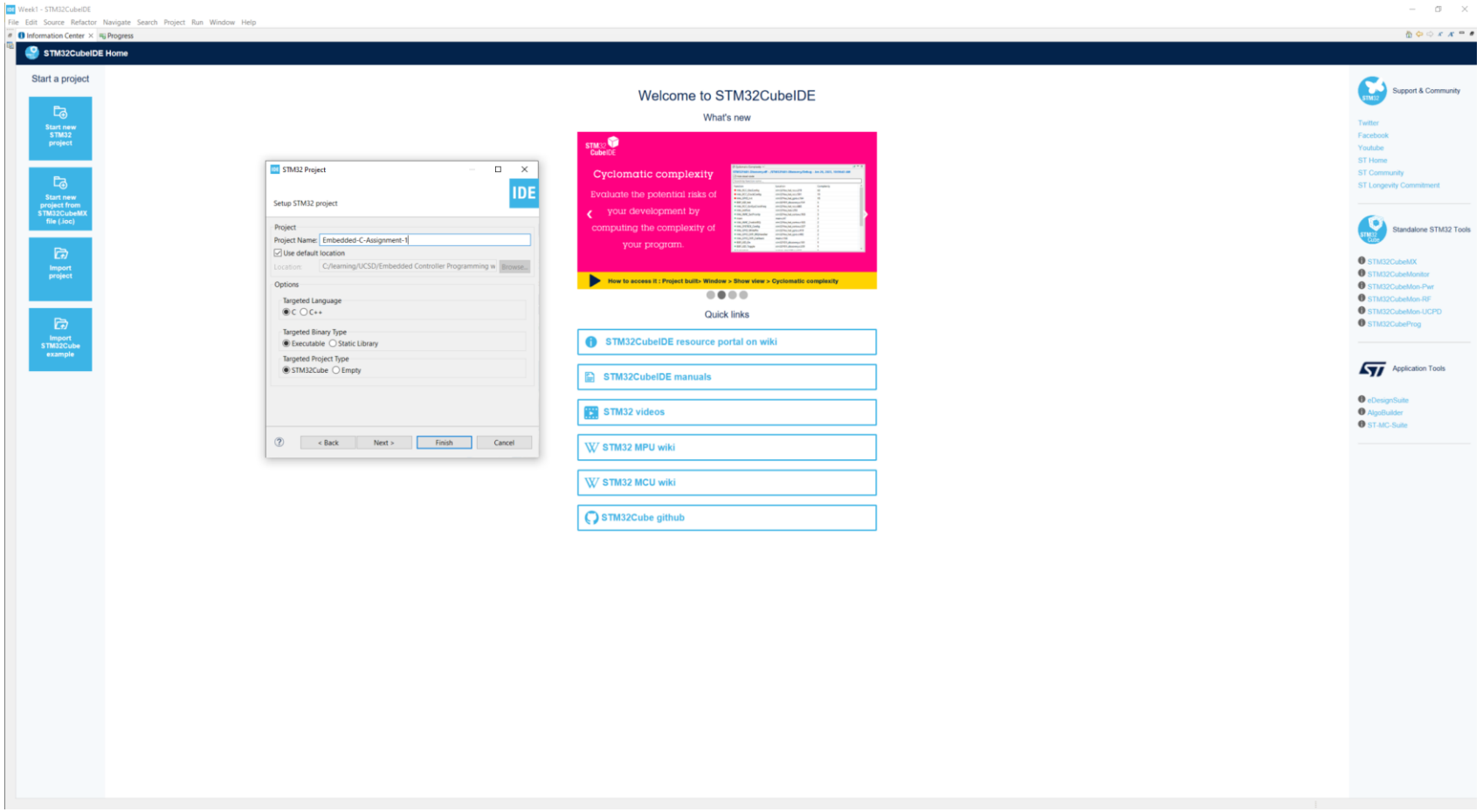
Step 2. Click Start new STM32 Project



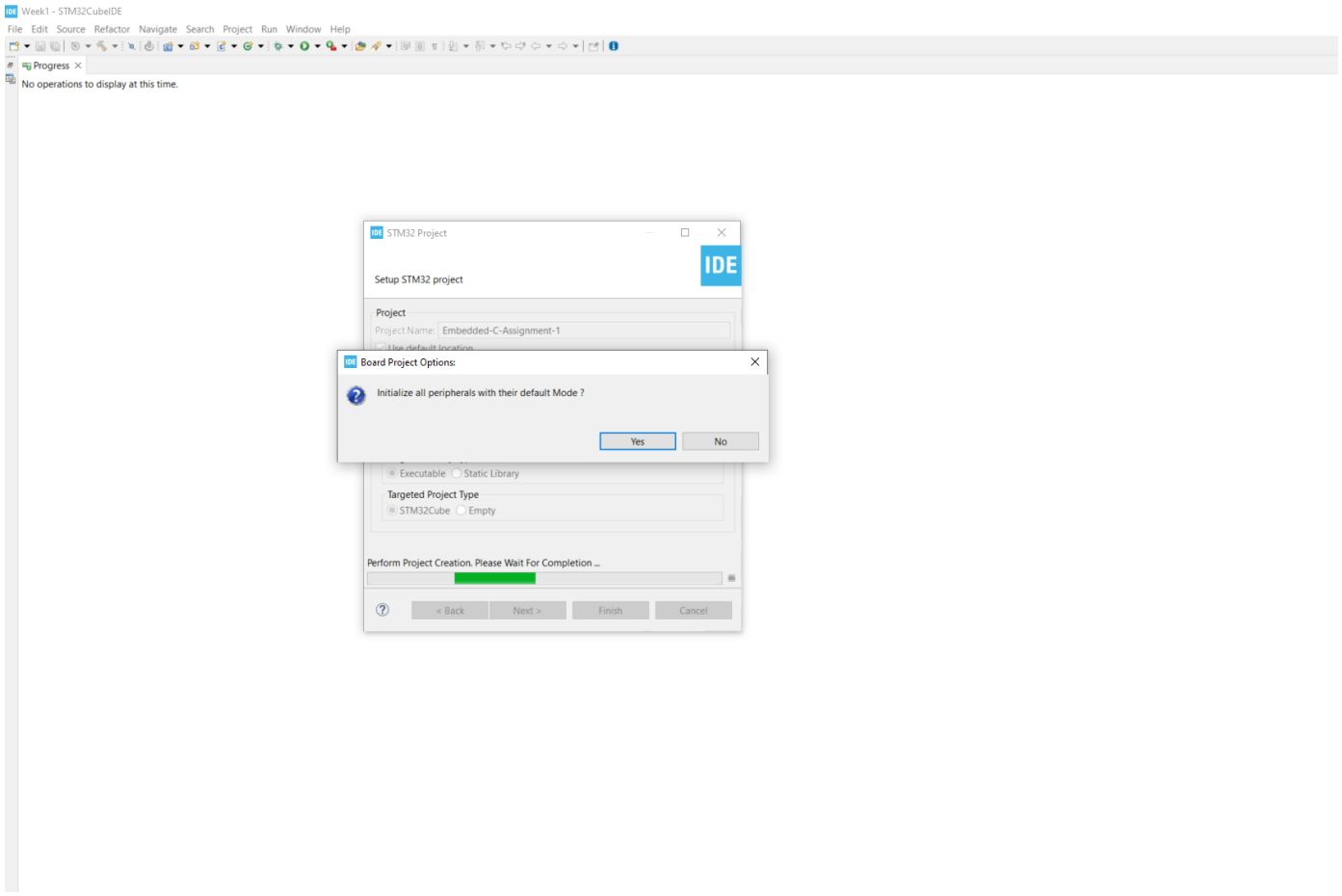
Step 3. Type in the board you use, click Next



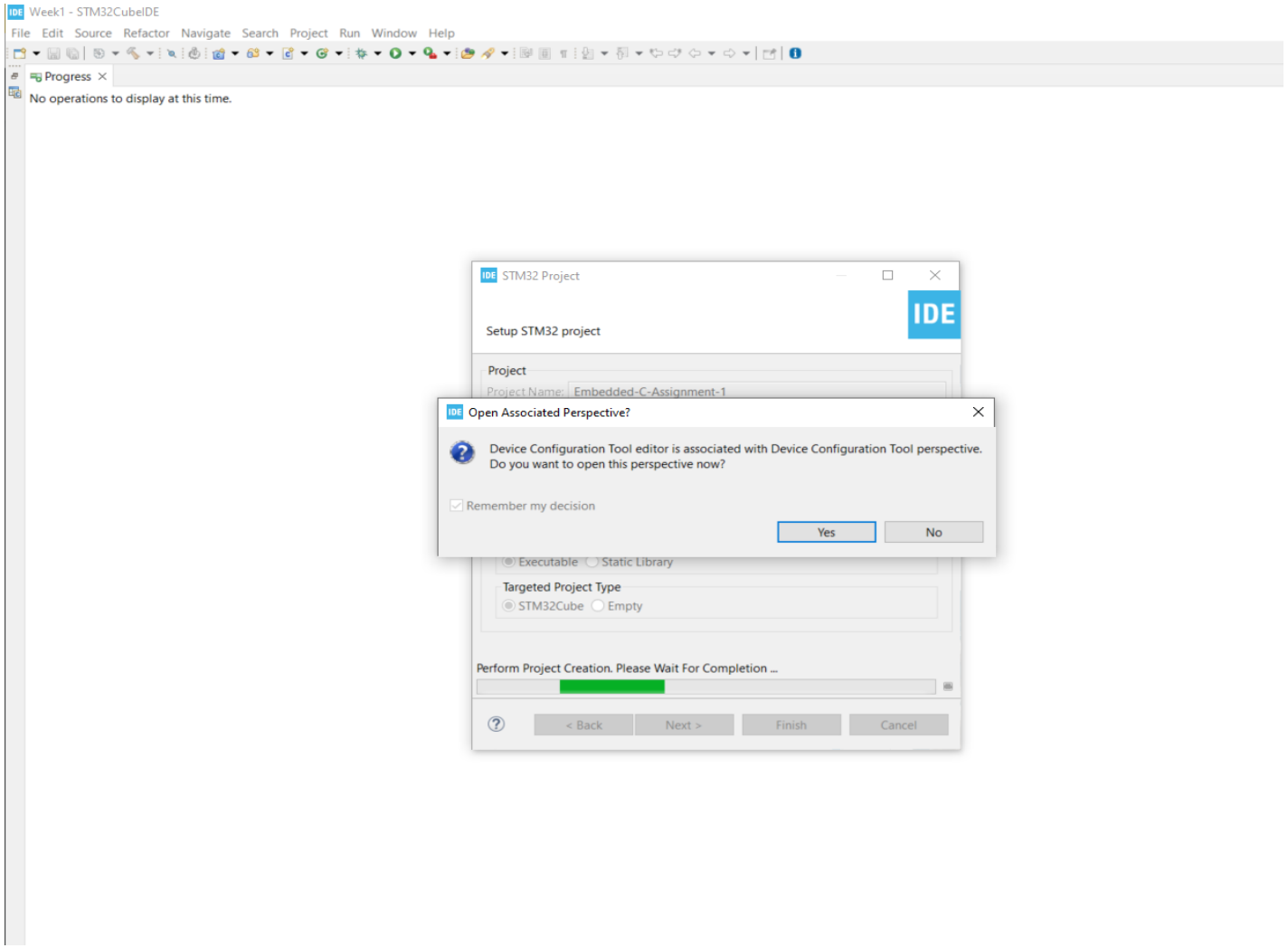
Step 4. Enter the project name then click Finish



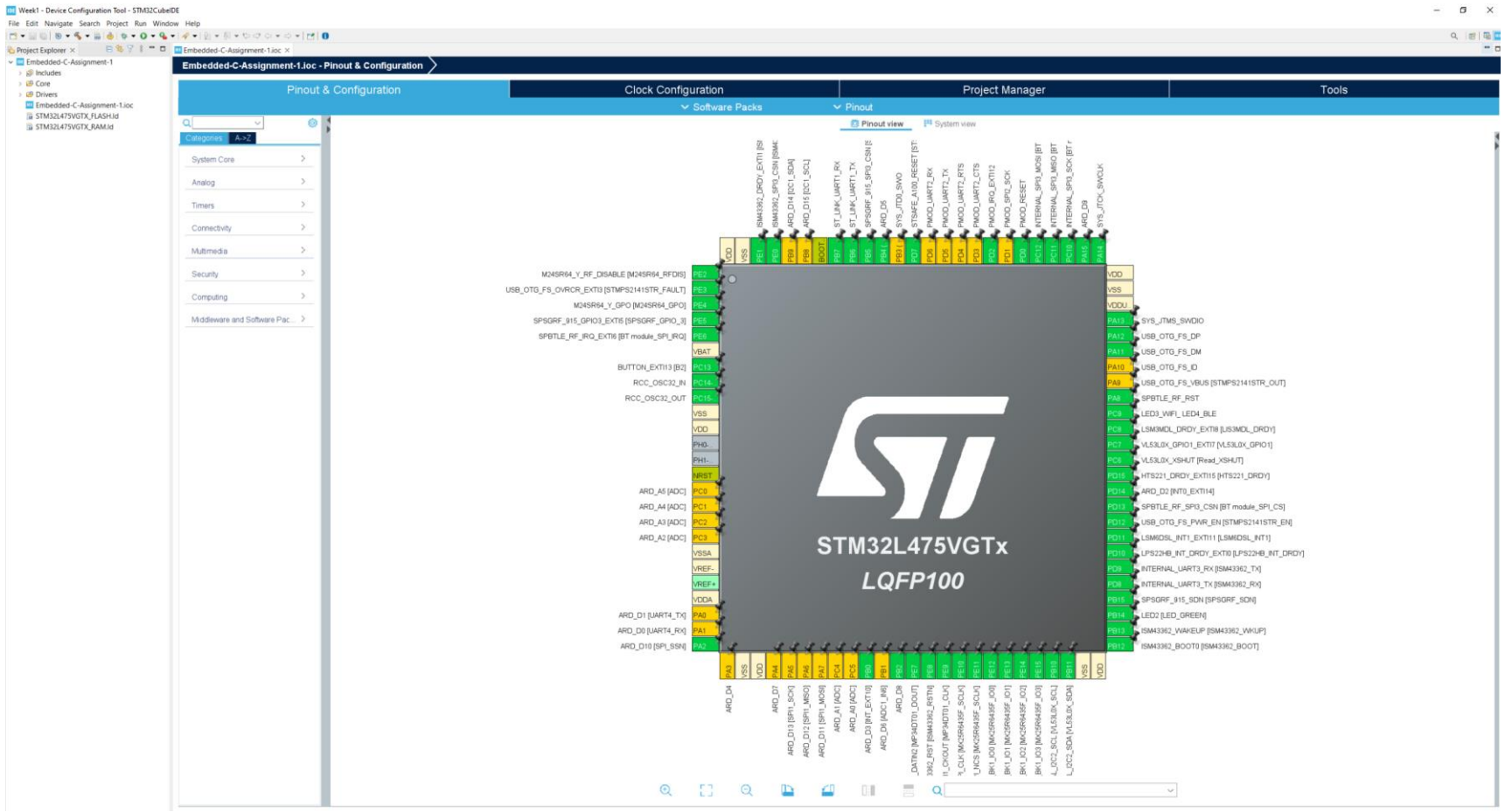
Step 5. Click yes to initialize all peripherals to default



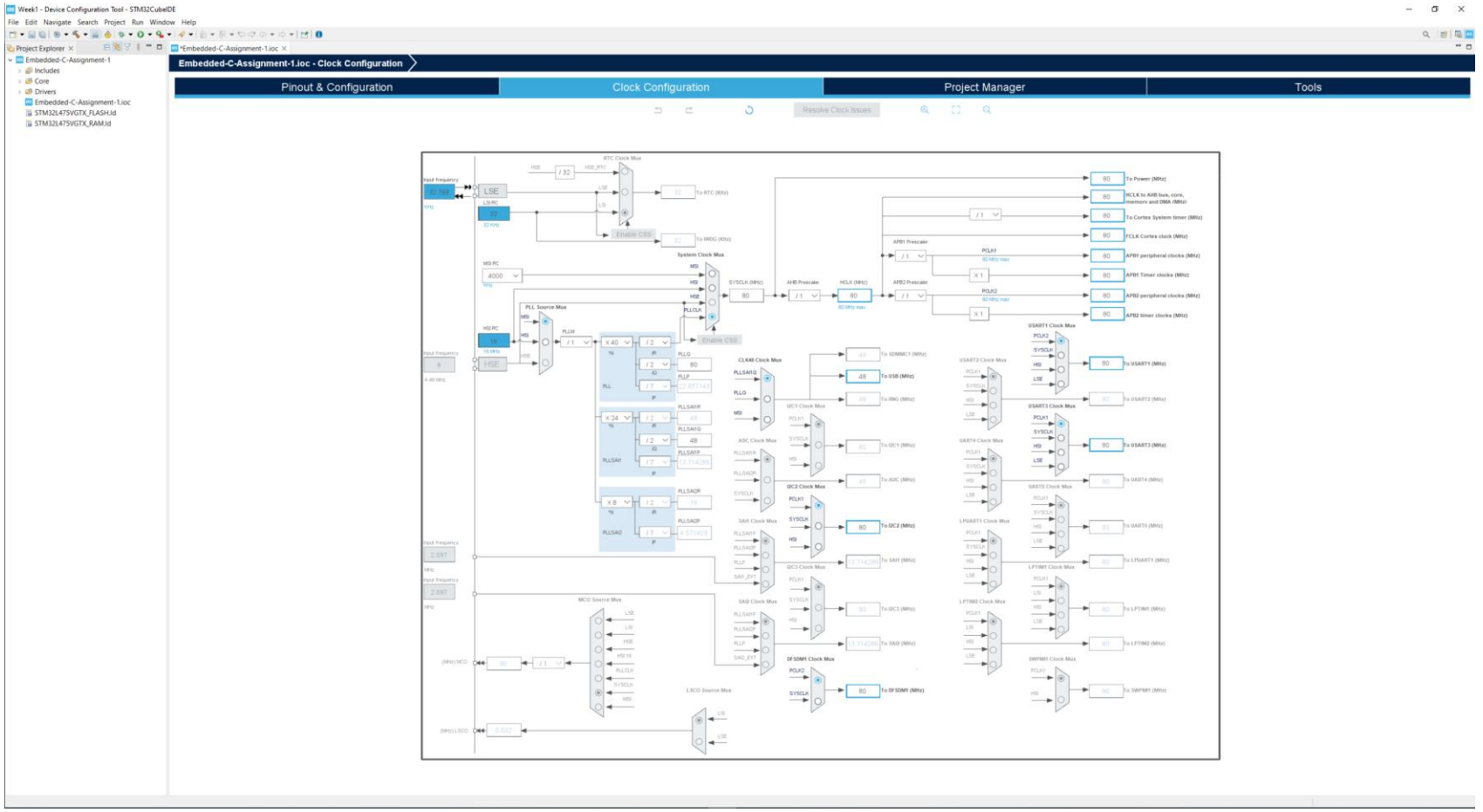
Step 6. Click yes to open perspective



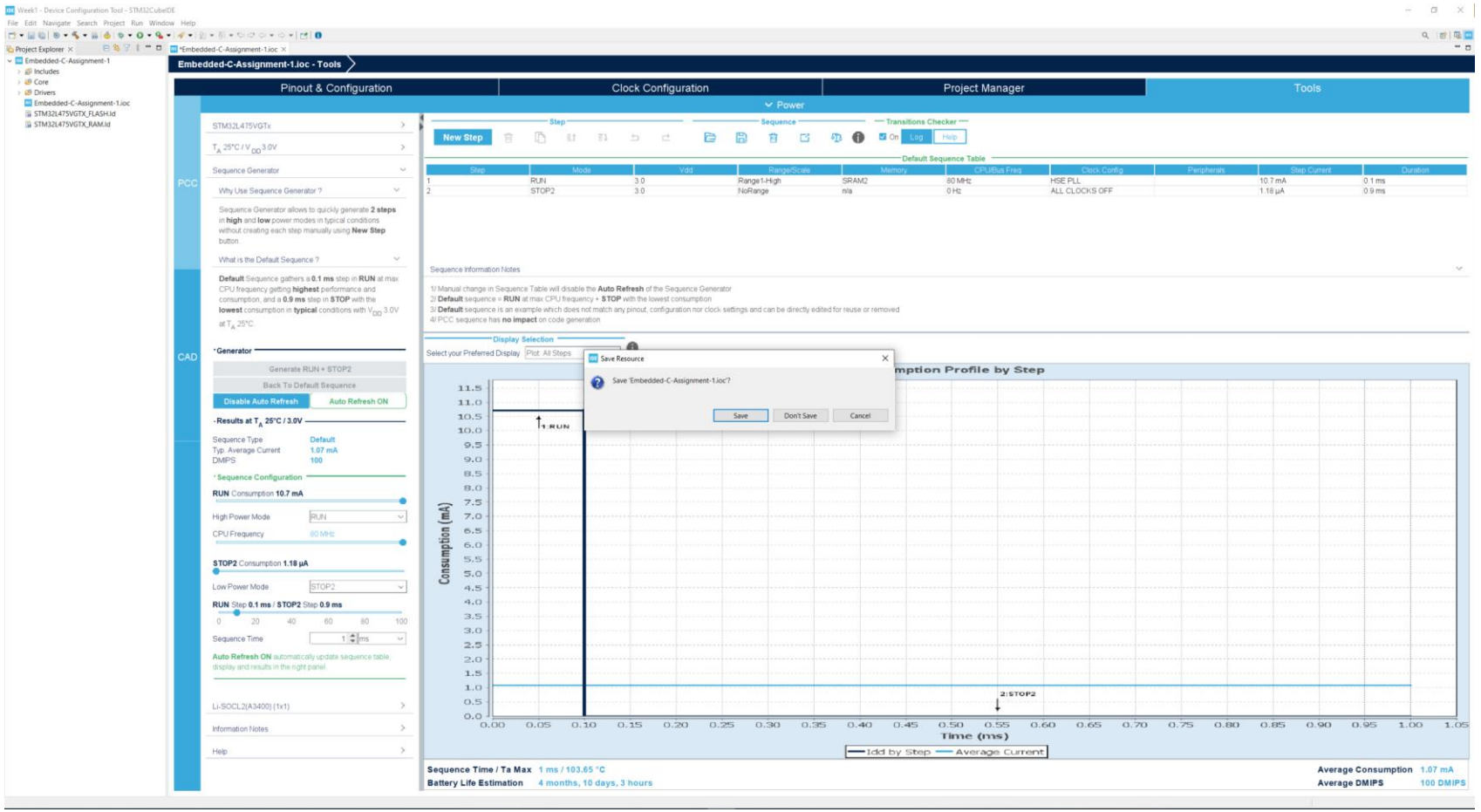
Step 7. Observe results in the .ioc file



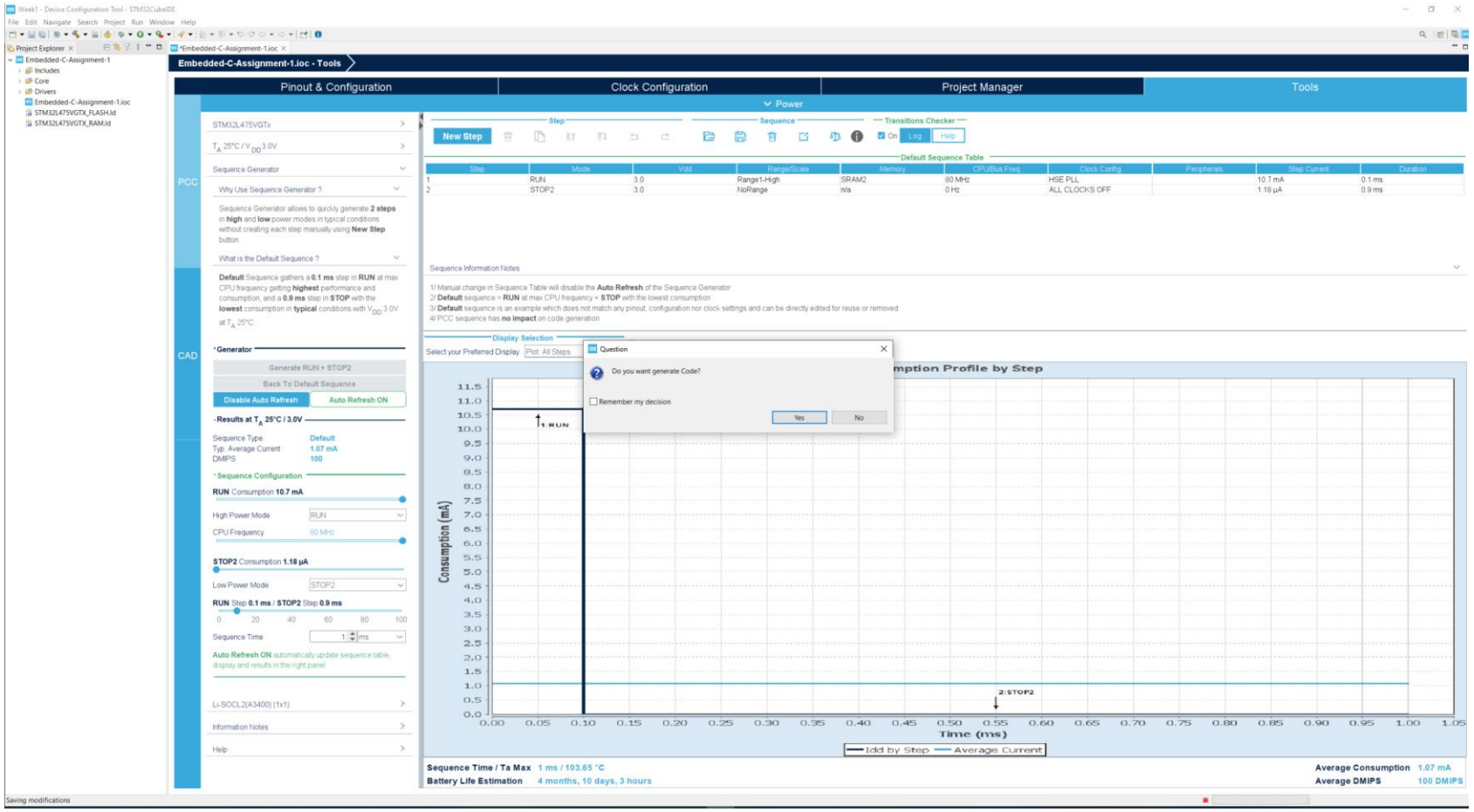
Step 8. Review the clock configuration



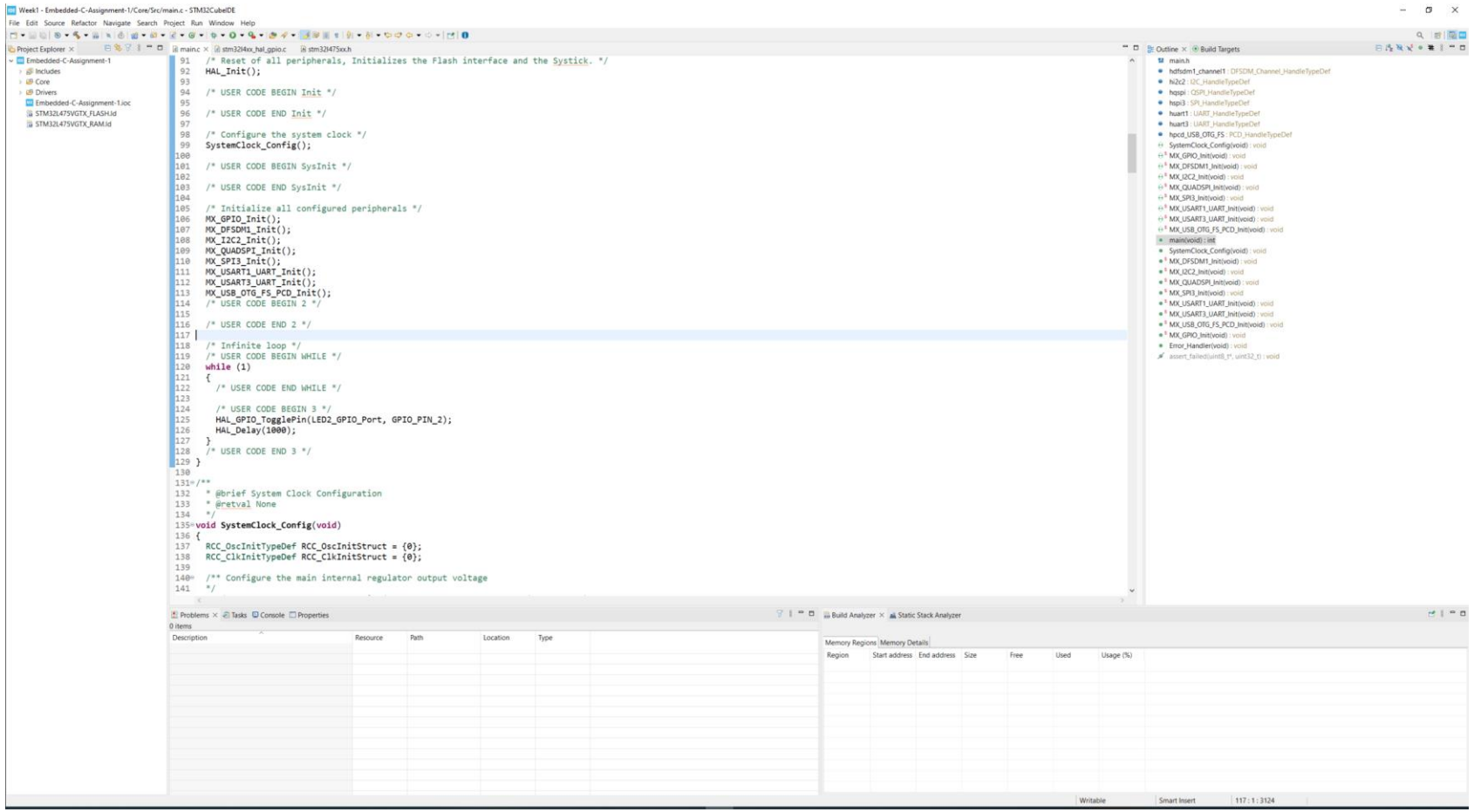
Step 9. Save the .ioc file



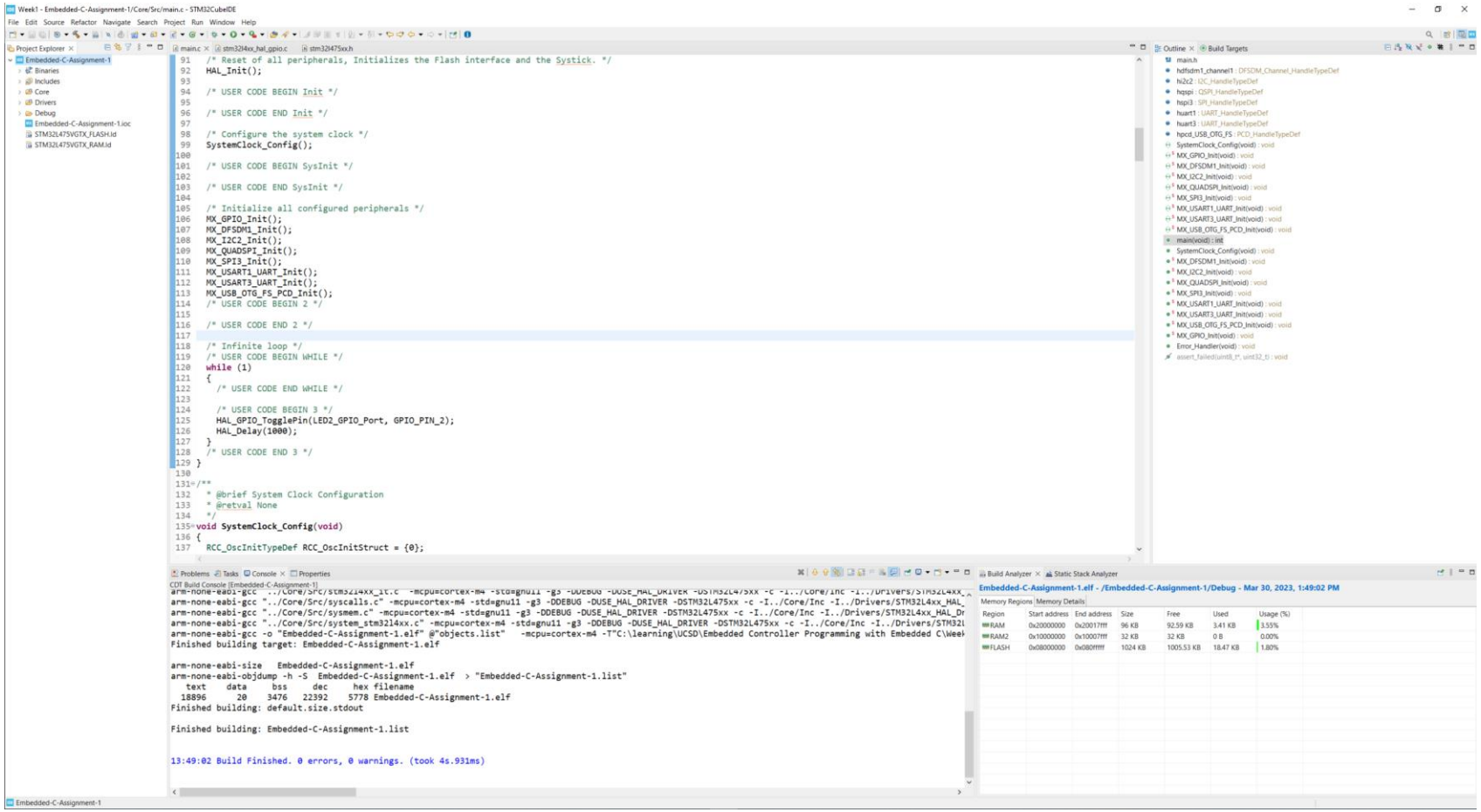
Step 10. Click yes to generate code



Step 11. Add LED toggle and delay code



Step 12. Right click on the project name and build it, test the .elf file



Additional: Step 13. Setup for debug configuration, select SWD as debugger