TESA TOPGUN

SIMPLE IO TESTING

B-L475E-IOT01A (Discovery Kit for IoT Node, STM32L)

STM32CubeIDE (IDE for STM32)

ผศ.ดร.สันติ นุราช

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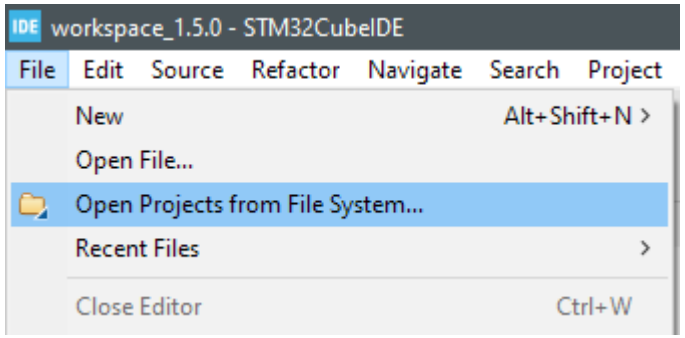
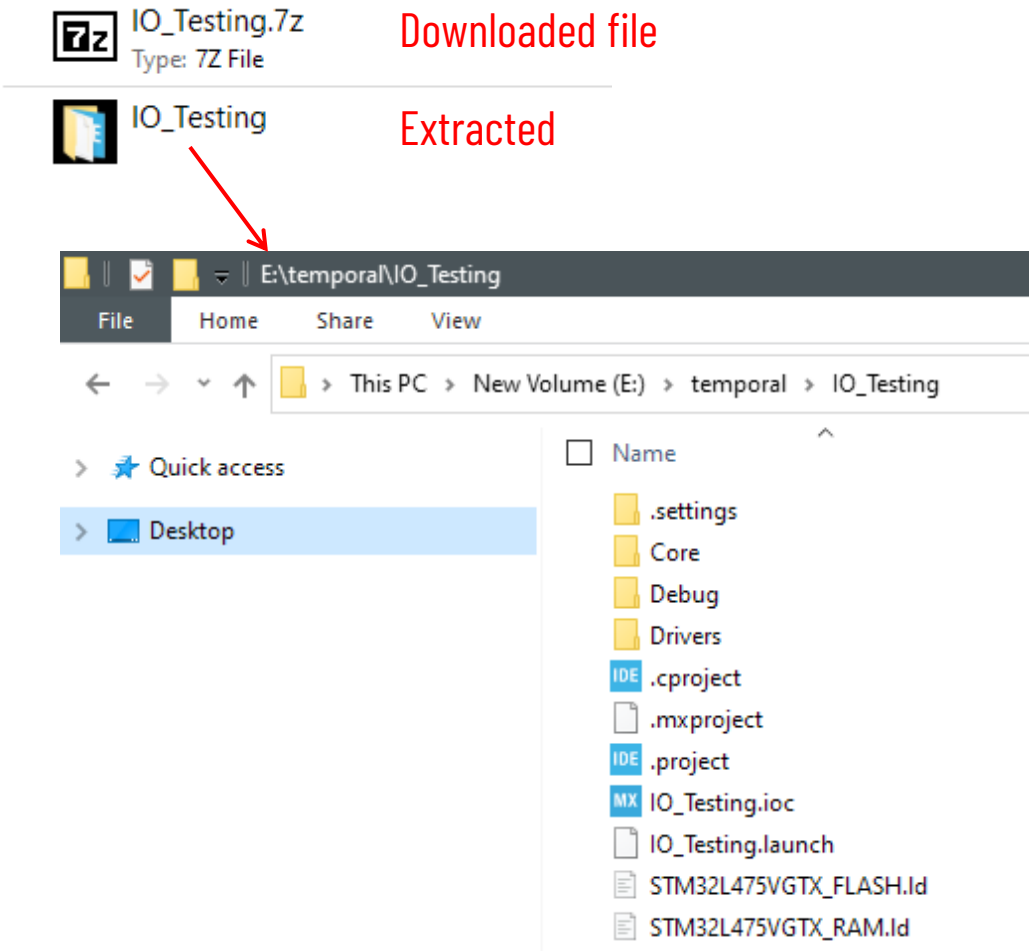
Simple IO Testing

1) Download the IO_Testing.7z and extract it (download link)

2) Open the STM32CubeIDE and File | Open Projects from File System...

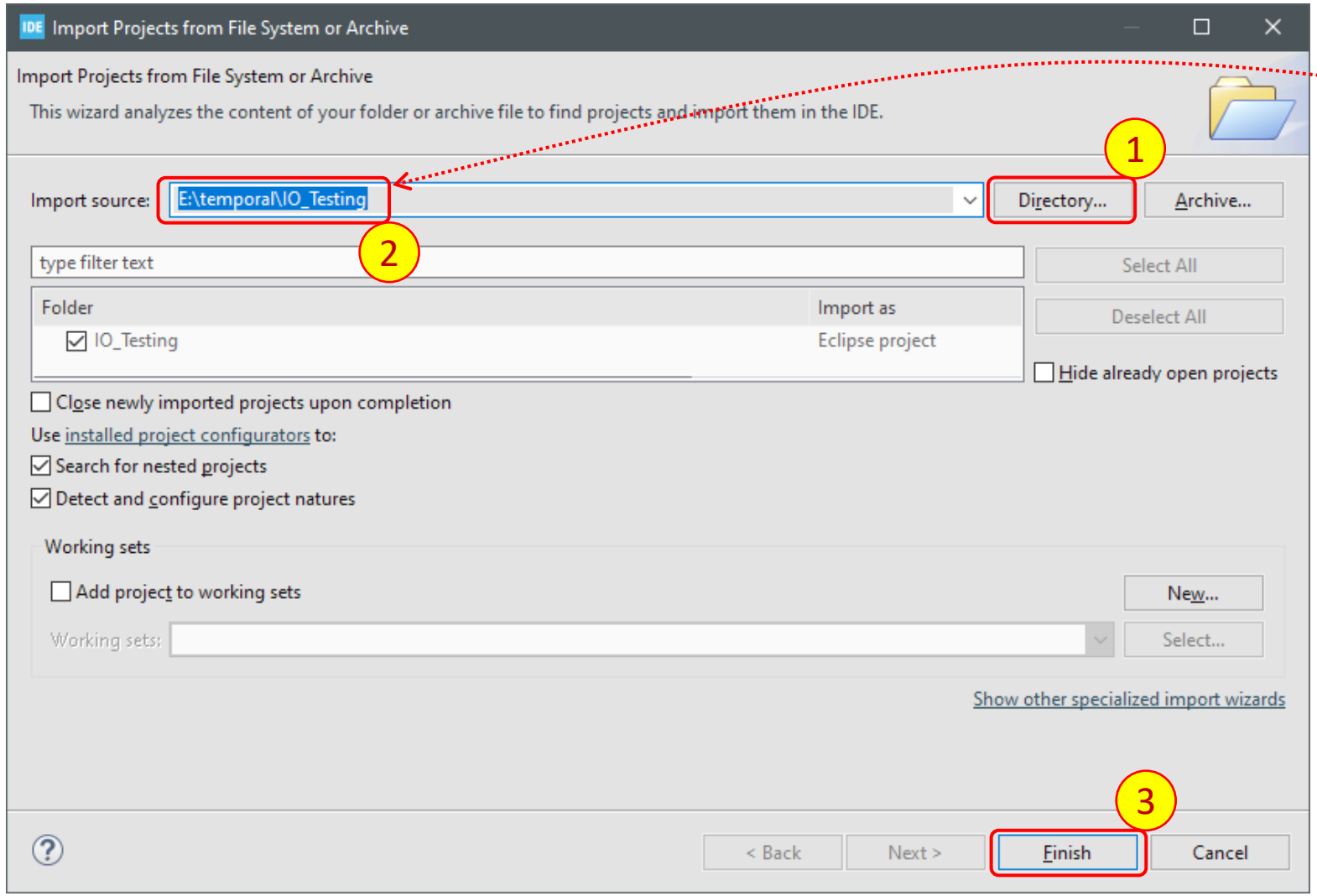


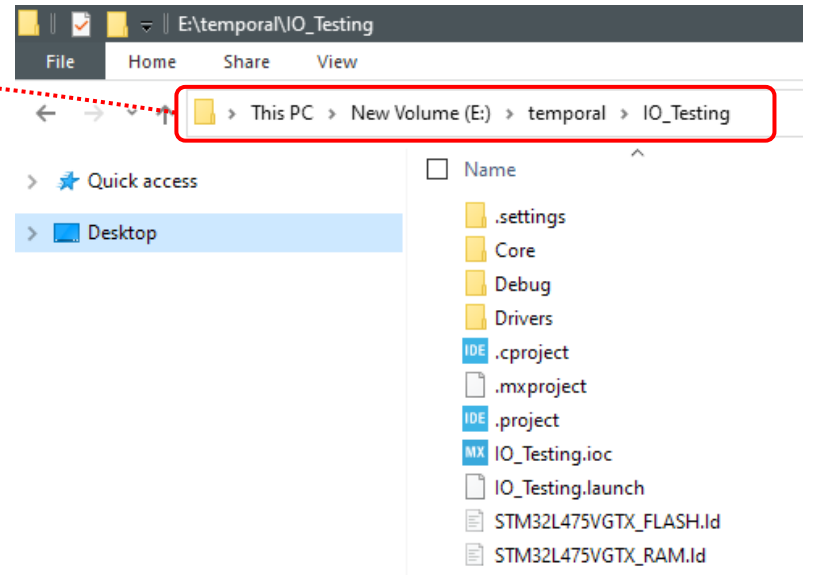


Simple IO Testing

v1.0.0

3) Open the project directory (extracted directory), e.g.; E:\temporal\IO_Testing, and click Finish

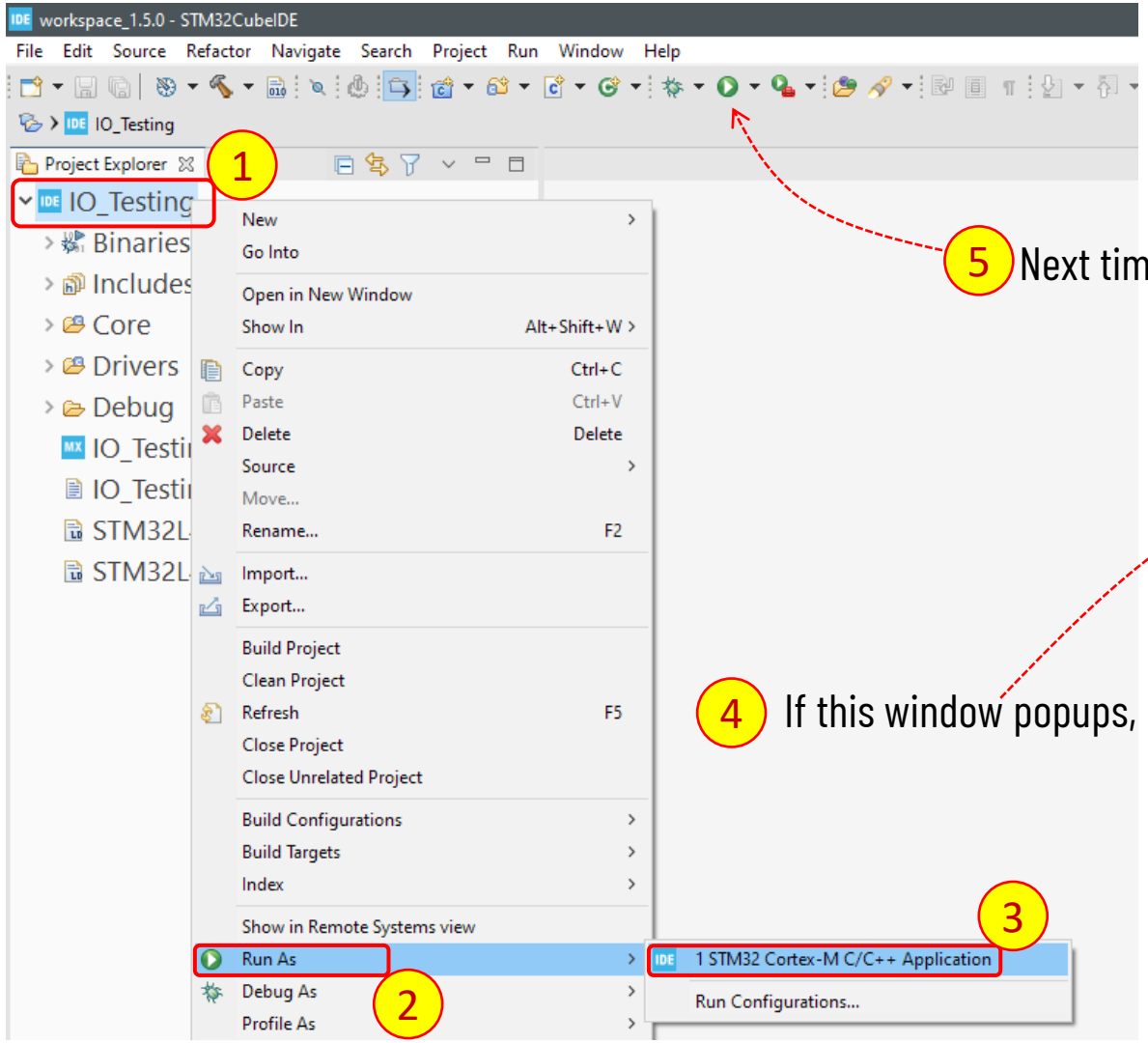




v1.0.0

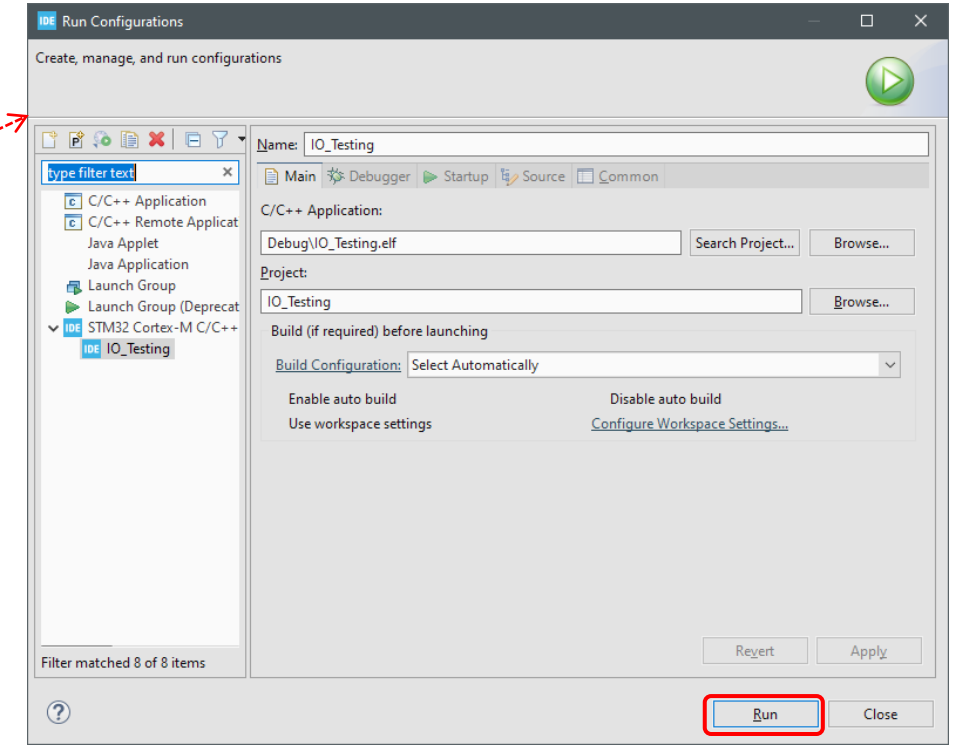
Simple IO Testing

4) Right-Click on the project name (IO_Testing) and click Run As | STM32 Cortex-M C/C++ Application



5 Next time, click this button

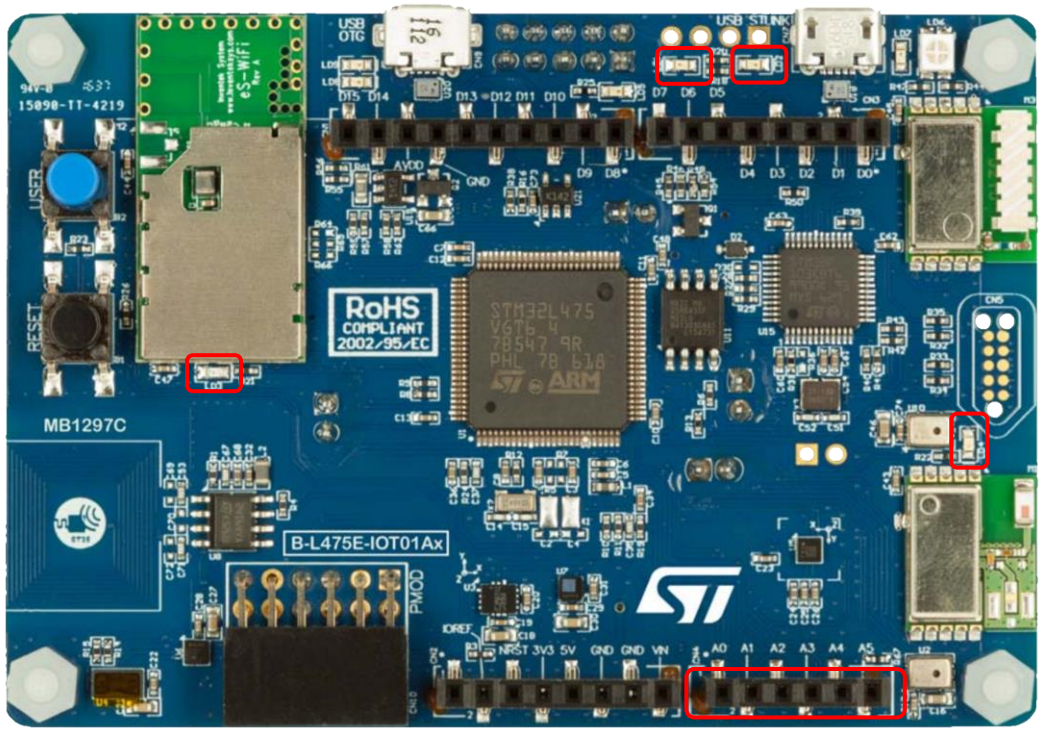
4 If this window popups, click Run



v1.0.0

Simple IO Testing

5) Check the LEDs status and Logic state of the A0-A5 of the board. They will change every 2 seconds (ON 2 seconds and OFF 2 seconds)



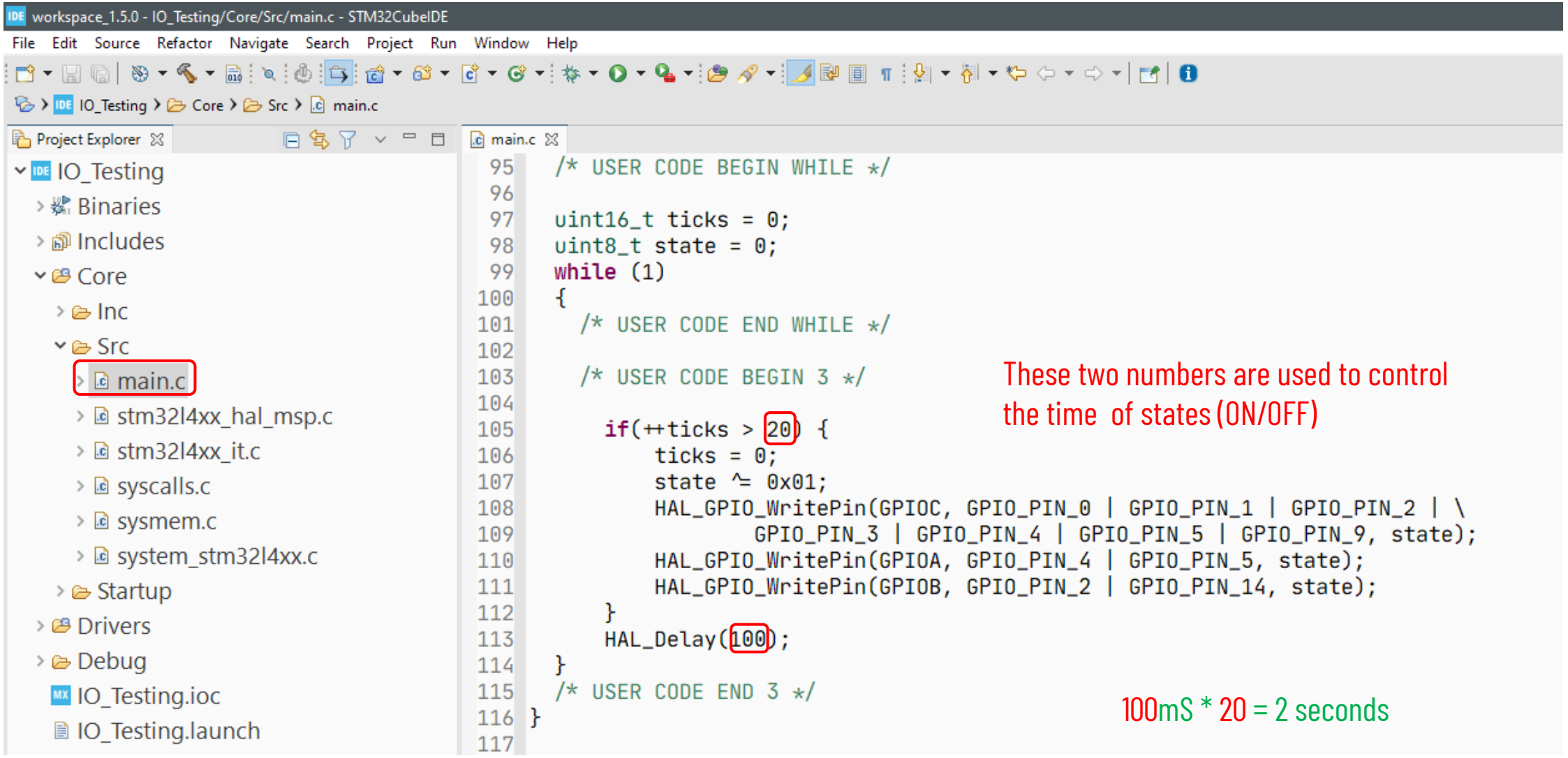
A0-A5

Can be used to control external devices

Simple IO Testing

v1.0.0

6) Open the main.c and modify the code, then perform step 4 and 5



v1.0.0

THANK YOU!

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