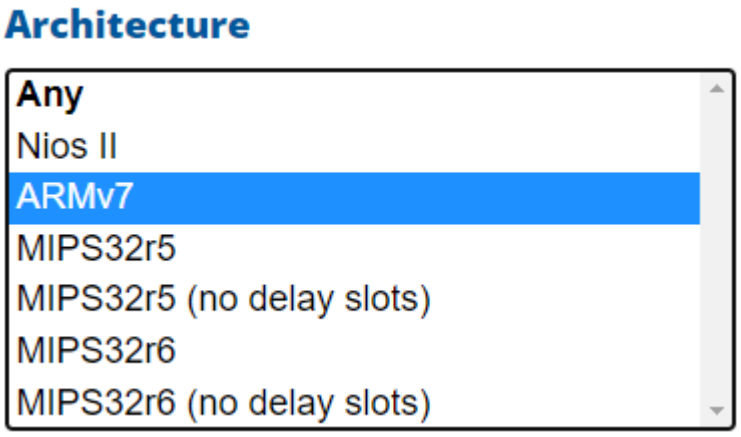
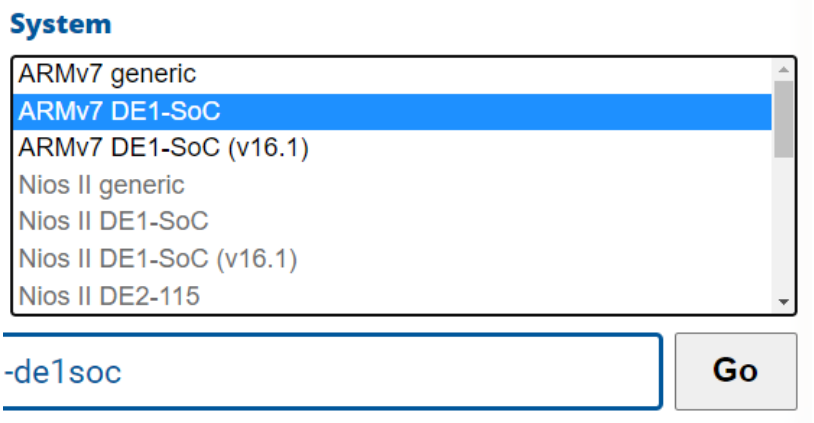
1. Go to website https://cpulator.01xz.net/

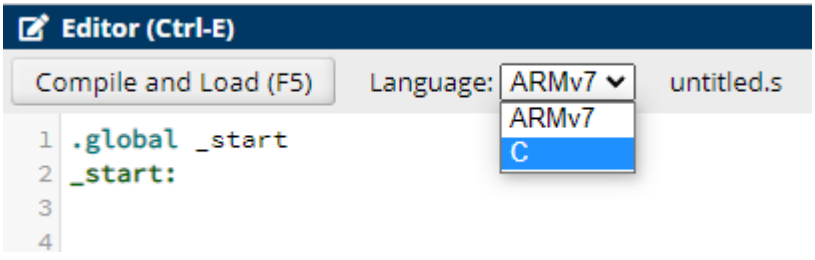
2. Choose ARMv7 Architecture



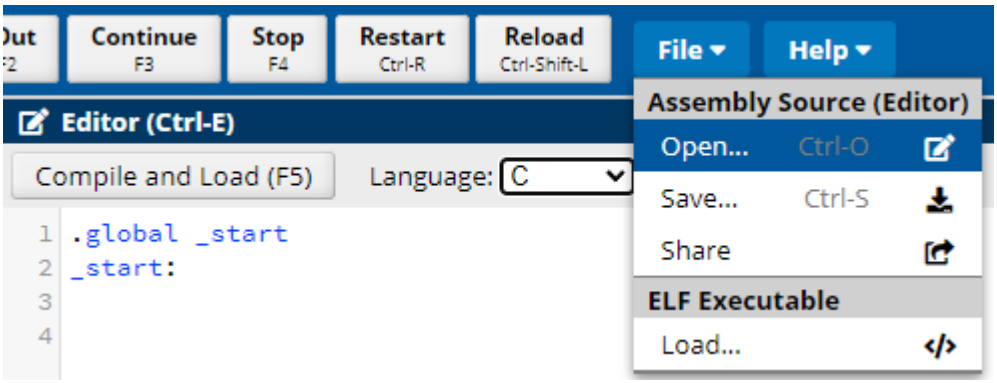
3. Select ARMv7 DE1-SoC system and click “GO”



4. In the editor window, change the language to C



5. Now upload the C code file

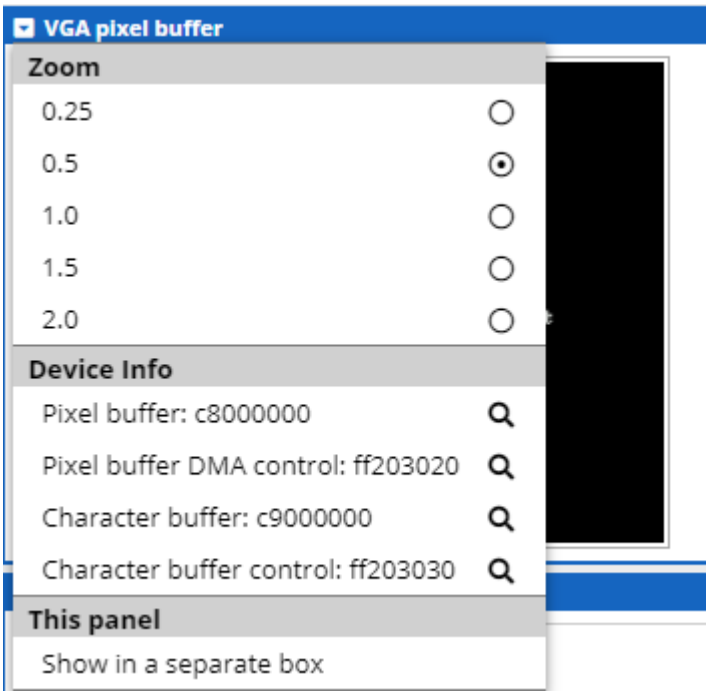


6. Then click “Compile and load”

7. After the compilation is completed, click “Continue”

8. The program now is running

9. You can adjust VGA output



10.The Switches and Buttons are on the top of the Devices section