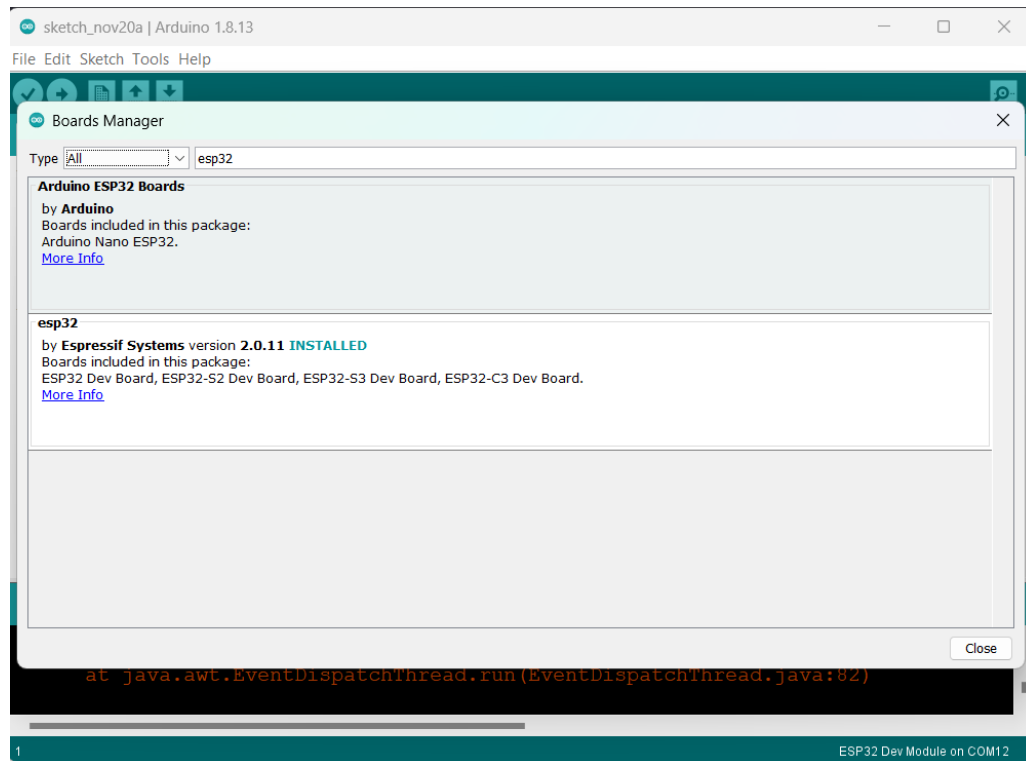
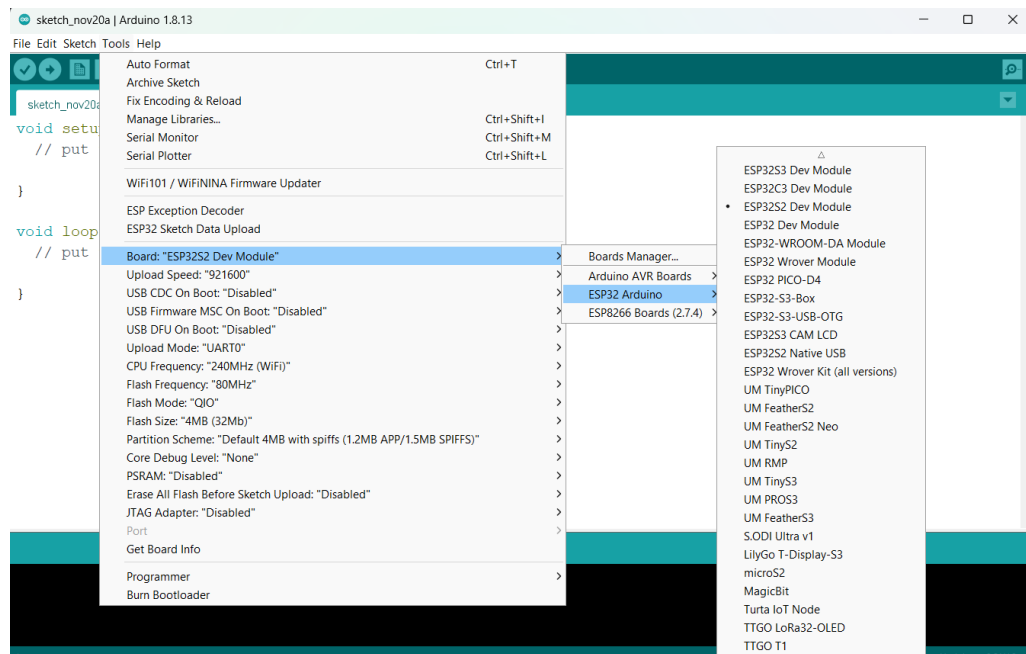


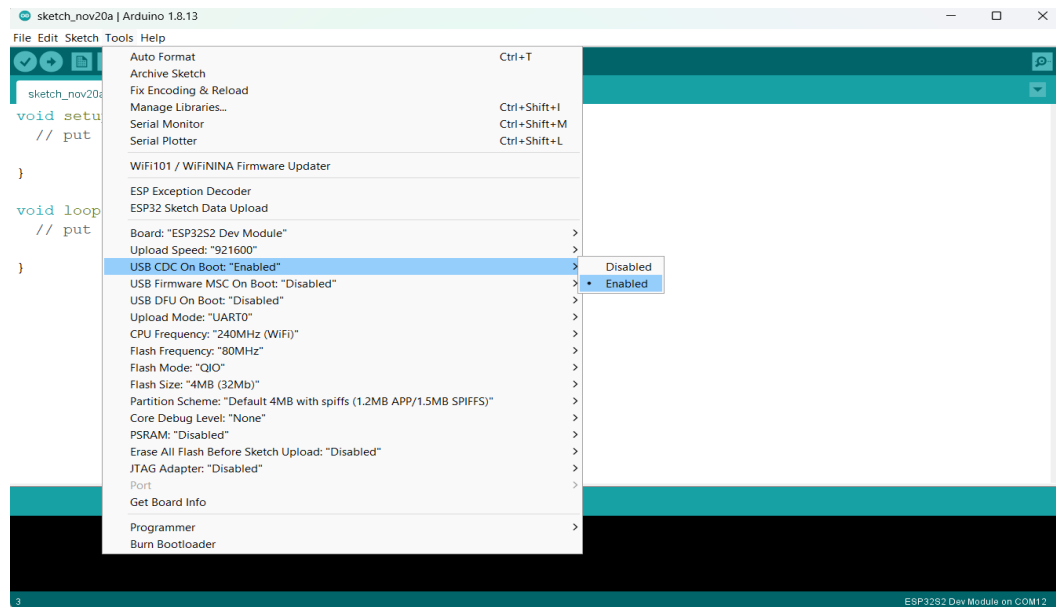
1. You need to set up the board in the Arduino IDE board manager.



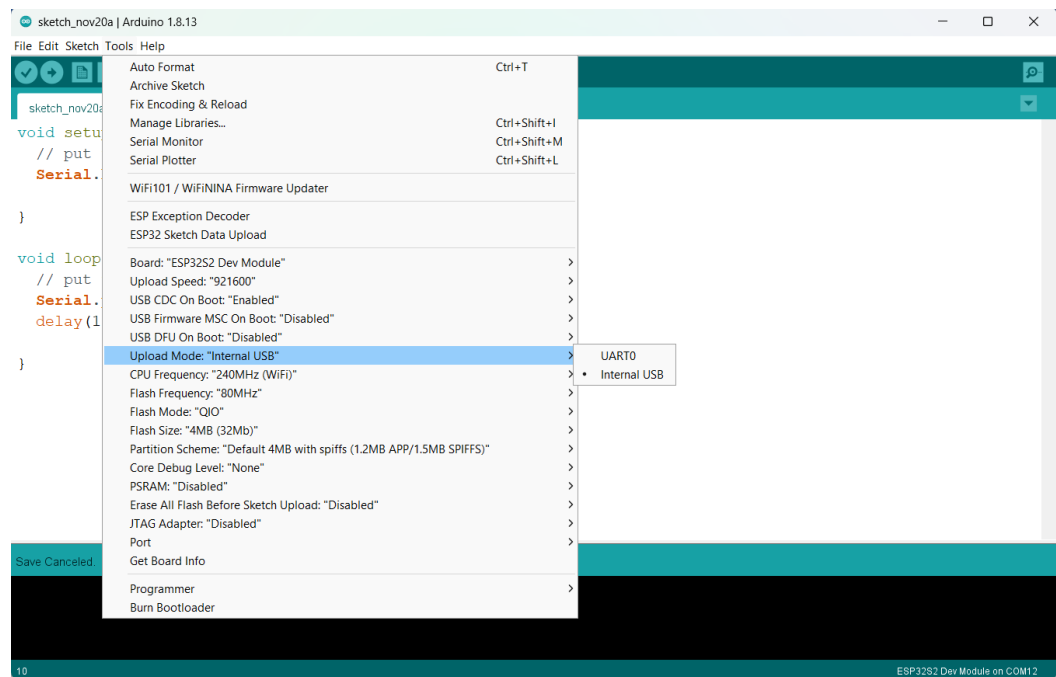
2. Next, select the board – ESP32S2 Dev Module.



3. Enable the USB CDC Boot option to output logs through the built-in USB CDC.



4. Select the bootloader mode via the built-in USB.



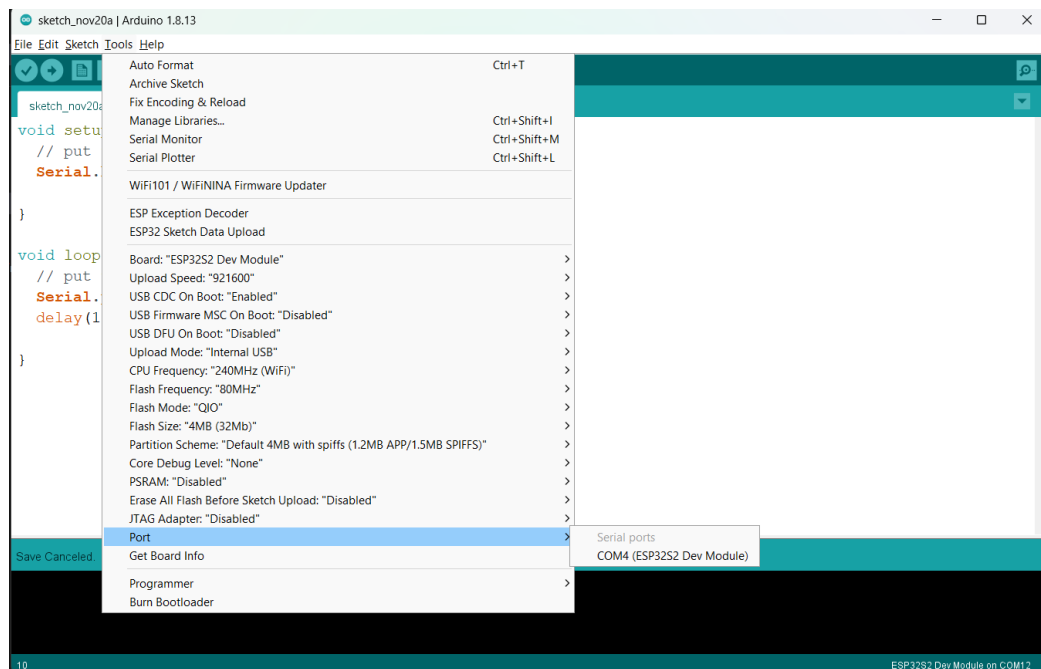
5. Next, it is necessary to put the board into bootloader mode (this is only necessary at first flashing time).

To do this:

- a. Connect the board to the computer.
- b. Press and hold the IO0 button.
- c. Reset the board using the EN button.



6. After step 5, the board should be recognized in the device manager. At this point, you need to select the port (ESP32S2).



7. Flash the board. Logs will be output through the built-in USB port. It is not necessary to put the board into bootloader mode for subsequent flashes.