**✅ Setting Up PlatformIO in VSCode on Windows**

**1. Install VSCode**

* Download and install Visual Studio Code for Windows.

**2. Install PlatformIO IDE**

* Open VSCode.
* Go to the **Extensions view** (Ctrl+Shift+X).
* Search for **“PlatformIO IDE”** and click **Install**.

**3. Open PlatformIO**

* Click the **Alien icon (PlatformIO)** on the left **Activity Bar**.
* This opens the PlatformIO Home screen.

**✅ To Create a New Project**

**4. Create New Project**

* In PlatformIO Home, click **"New Project"**.
* Fill in the fields:
  + **Name** your project.
  + In **Board**, select **“WEMOS D1 MINI Pro”**.
  + **Uncheck** "Use default location" and choose your custom project path.
  + Click **Finish** to generate the project.

**✅ Configure Serial Monitor Speed**

**5. Set Monitor Speed**

* Open the newly created project folder.
* Open platformio.ini file.
* Add the following line to set serial monitor speed:

monitor\_speed = 115200

* Save the file.

**✅ Build, Upload, and Monitor**

**6. Upload Code**

* In the **Project Tasks** pane:
  + Click **“Build”** to compile the code.
  + Click **“Upload”** to flash it to the board.

**7. Open Serial Monitor**

* Click **“Monitor”** to open the Serial

**✅ Import an Existing Project**

If you already have a PlatformIO project and want to import it:

**8. Import Existing Project**

* In **VSCode**, go to **File → Open Folder...** and select the folder of your existing PlatformIO project (it must have a platformio.ini file).
* Once opened, PlatformIO will automatically recognize and manage it.
* You can now use **Build, Upload, and Monitor** features as normal.