Algorithm for running the wasdomESp32 using Arduino IDE:

Before programming any controller , make sure that the Lead is light to be programmed at certain frequencies and for a certain period via a lead link

**Step1:**download Arduino IDE from <https://www.arduino.cc/en/software>

**Step 2 :** If the port is not defined, these steps are used:

1. file and then click on the preference and put a Library <https://dl.espressif.com/dl/package_esp32_index.json>
2. Tools and then click on Bord "Arduino uno" and then go to bords manger, search for ESP32
3. Tools and then click on Bord "Arduino uno" then ESP32Arduino, choose wemos D1 MINI ESP32
4. Go to This PC and Right click then device manger ,search for cp2104 driver and download the software CP210xUniversal Windows Driver then go settings, device manager, right-click on the device then update driver then browse then put the location of the drivers.
5. click on File, Examples,01 Basics and blink and we see the code that have setup and loop, where HIGH turns the LED and LOW turns the LED , and we set the time to turn on and off The LED (delay)
6. press the arrow to raise it to the ESp32

**Step 2 :** If the port is defined, go to 5 and 6.