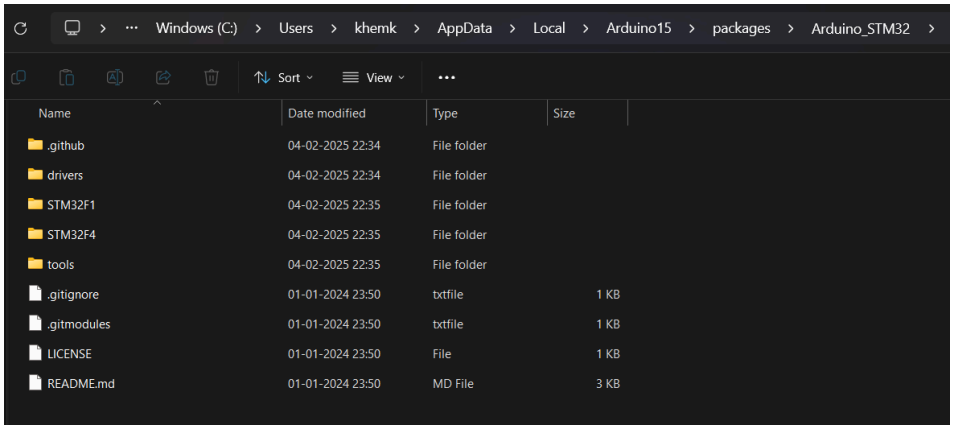
Step 1:
Download and Install the latest Arduino IDE

Ste 2: Follow the instructions here
https://community.st.com/t5/stm32-mcus/how-to-program-and-debug-the-stm32-using-the-arduino-ide/ta-p/608514
Download and install the STM32 library (will not be used directly , but recommended)

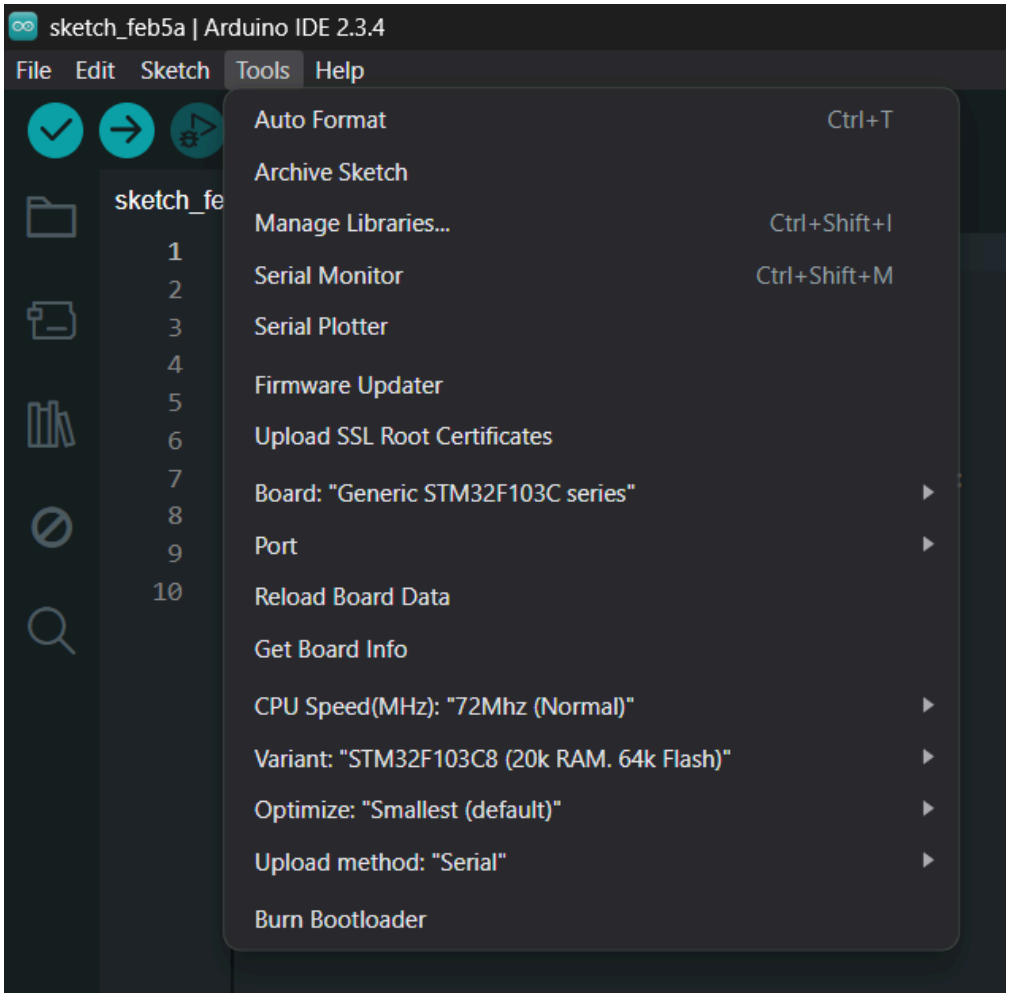
Step 3: Download resources from
https://github.com/Aditya-Khemka/Aero-SNR/tree/main

Extract Arduino_STM32-master.zip from the folder **(not everything)** and install this at **C:/Users/<Username>/AppData/Local/Arduino15/packages/**
Just unzip and check for parent folder (rename to remove master and other settings , match file path from images)

Inside folder must look like this (check path)



Step 4:
Go to tools and apply the following settings



Other resources (must check)

1. https://circuitdigest.com/microcontroller-projects/getting-started-with-stm32-blue-pill-development-board-stm32f103c8-using-arduino-ide
2. https://youtu.be/MLEQk73zJoU?list=PL0qFkFQLP5BCzOatRLFr15el1dSjvn--E
3. https://www.youtube.com/playlist?list=PL0qFkFQLP5BCzOatRLFr15el1dSjvn--E

Upload Procedure (always , except one time test)
(refer https://youtu.be/MLEQk73zJoU)

1) Connect FTDI as : RX ⇔ A9 , TX ⇔ A10 , VCC ⇔ VCC , GND ⇔ GND
2) Configure the IDE , select port
3) (test , one time)
    a) examples ⇒ STM_32 ⇒ digital ⇒ blink
    b) change PB1 to PC13 . compile
4) **Shift the topmost (outer) short jumper to right (towards processor) . keep the reset button pressed**
5) Upload
6) **Place the jumper back to its original position . press reset**
7) Naacho BC