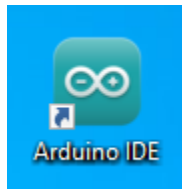# Magicbit Tiny OS update

You are required to have Arduino IDE installed on your computers to update the Magicbit TINY OS.

❖ Installing Arduino Software

- Download the latest version of the Arduino software to your computer from the below link. Select the correct option according your computer OS type (Windows , Mac or Linux)
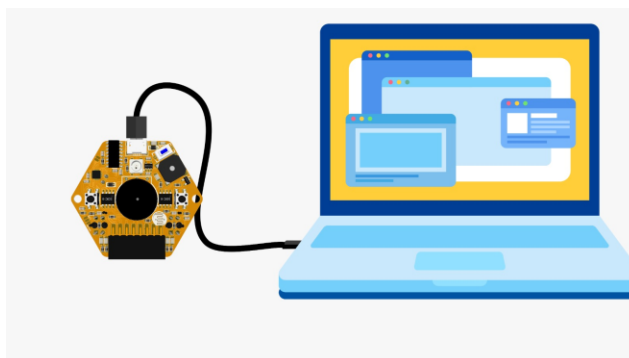
  Download Arduino from here - https://www.arduino.cc/en/software

- Install the downloaded software in your computer.

- Open the Arduino IDE from the shortcut created on your computer desktop.
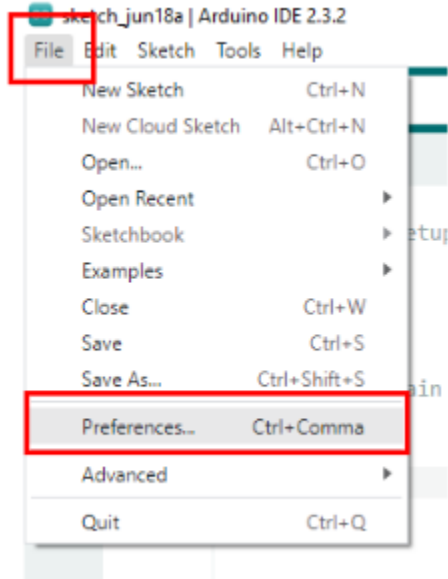

❖ Adding the Magicbit Tiny board to Arduino IDE

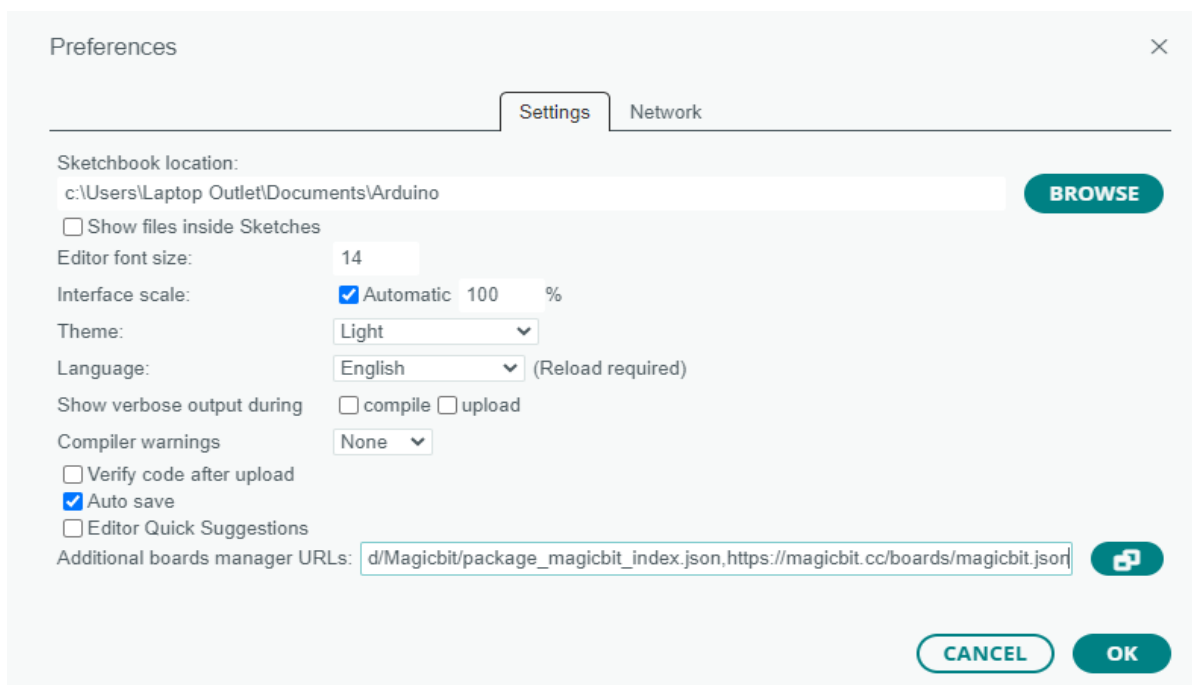- Connect the Magicbit Tiny board to the computer using the USB cable.

- Open the "**Preferences"** window of the Arduino IDE as follows.

<div align="center">
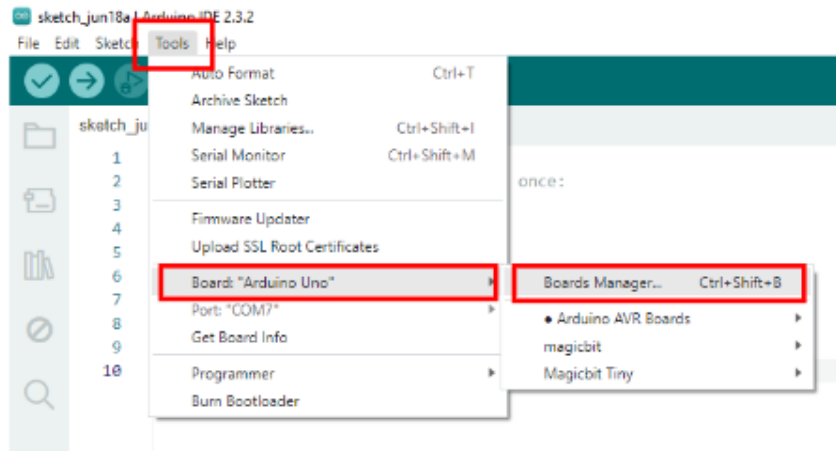
File → Preferences.

</div>

- Copy the below given release link and paste it on the "Additional Board Manager". Here you can paste multiple release links by separating them by " **,** ".
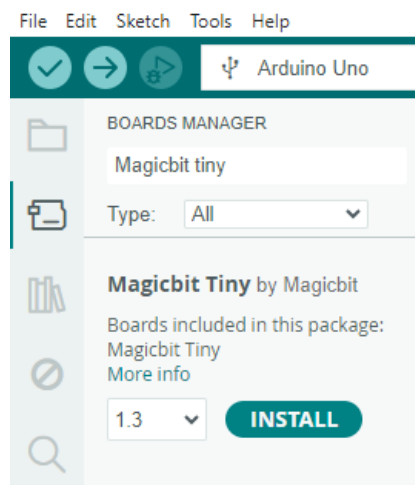
Release Link for Magicbit Tiny:- https://magicbit.cc/boards/magicbit.json

- Now open the **"Boards Manger"** window as in below path.

Tools → Board → Boards Manager

- Search as **"Magicbit Tiny"** and click on the **"INSTALL"** button to install it. This will take few minutes.
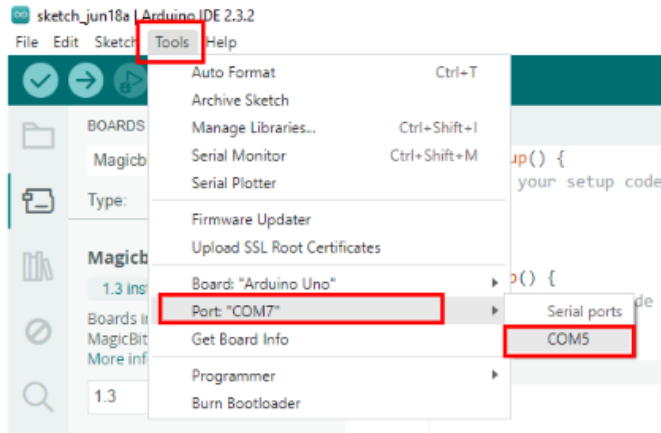

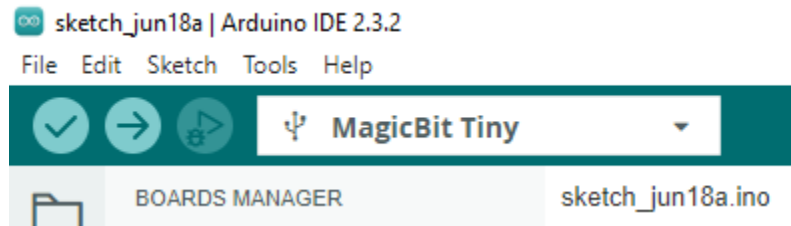- After installing, connect with the Magicbit Tiny board as follows.

Tools → Boards → Magicbit Tiny → Magicbit Tiny

- Then select the relevant USB port which the Magicbit Tiny is connected.

Tools → Port → COM

- Now you are ready to update the Magicbit Tiny OS.

- Select the **Magicbit_Tiny_OS** from the Examples in as in below path and upload that program to your Magicbit Tiny board.

  File → Examples → Examples → Magicbit_Tiny_OS