

Module 1 - Setup

- [1. Proteus Installation Tutorial](#)
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1. Proteus Installation Tutorial

Step 1 : Install Proteus

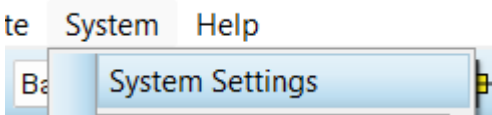
If you haven't install. Then Install, remember from DSD.

Step 2 : Download the Arduino Library for Proteus

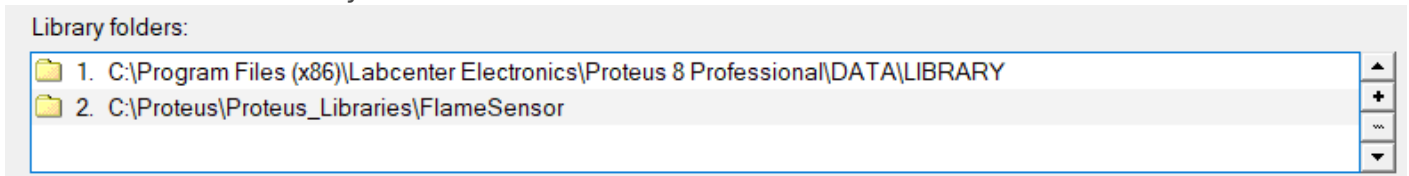
Download from here : <https://drive.google.com/file/d/1LMYOUUn39nAZBdGL0SR3n30pf-fRXeP-B/view>

Step 3 : Install the Library

Go to the System Settings in System Tab :



And then choose where you extract the downloaded folder :



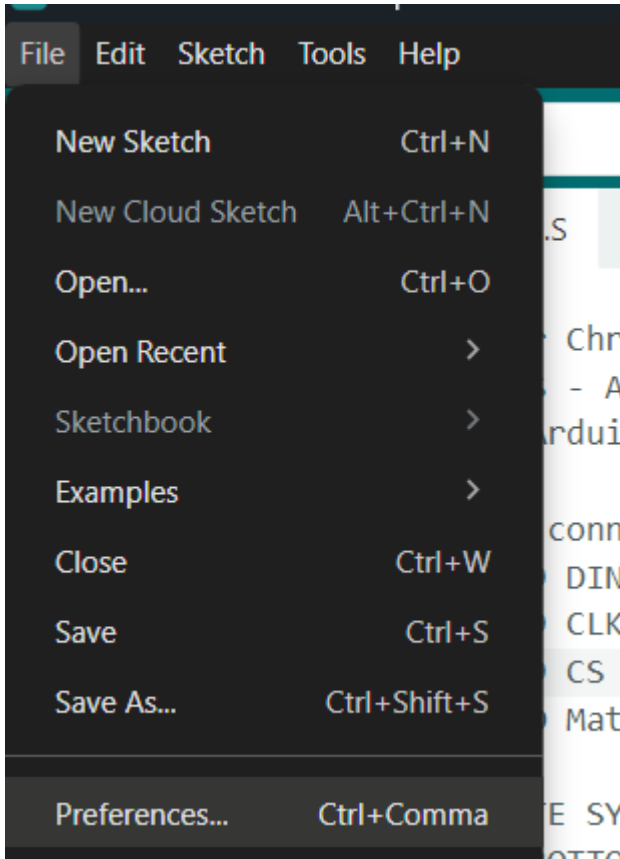
Step 4 : Install Arduino IDE

Go and Install Arduino IDE from here : <https://www.arduino.cc/en/software>

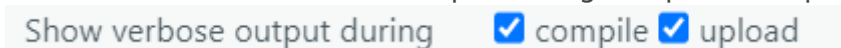
2. Proteus Simulation Tutorial

Step 1 : Setup the Arduino IDE

Go to Preferences :

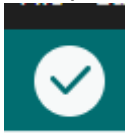


Checklist the Show Verbose output during compile and upload :



Step 2 : Compile the Code

Compile the code using this button :

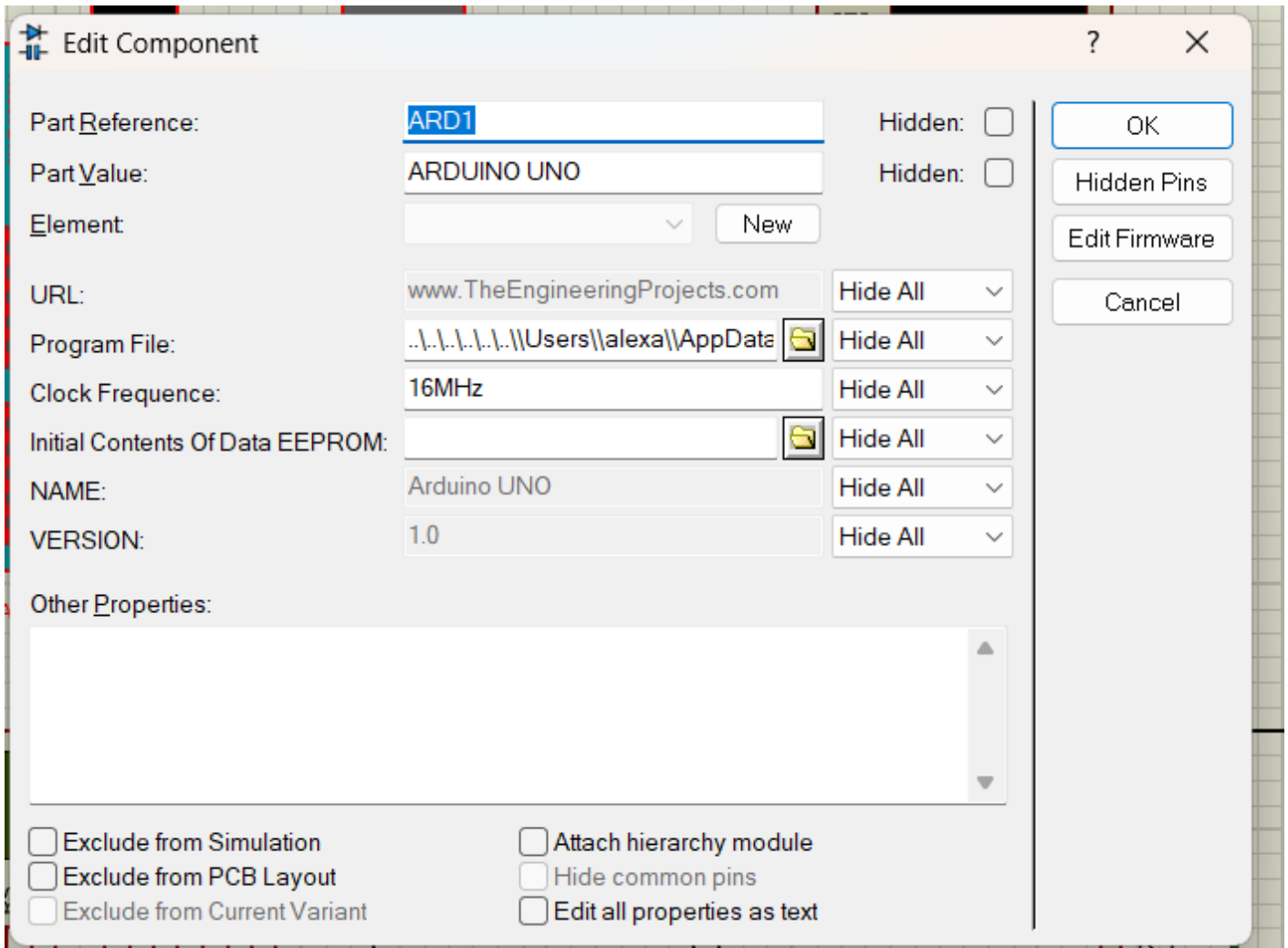


Find the Hex link on the output terminal :

```
"C:\\Users\\Alex\\AppData\\Local\\arduino\\sketches\\C6B4332D16D1BB6D2CD7F1F1CF3B704F\\CODEASM.ino.hex"
```

Step 3 : Connect the Hex

Double click the Arduino on the Simulation :



Conv the hex to the Arduino on the Proteus Simulation :

Program File:

Step 4 : Run the Code

COMPLETE