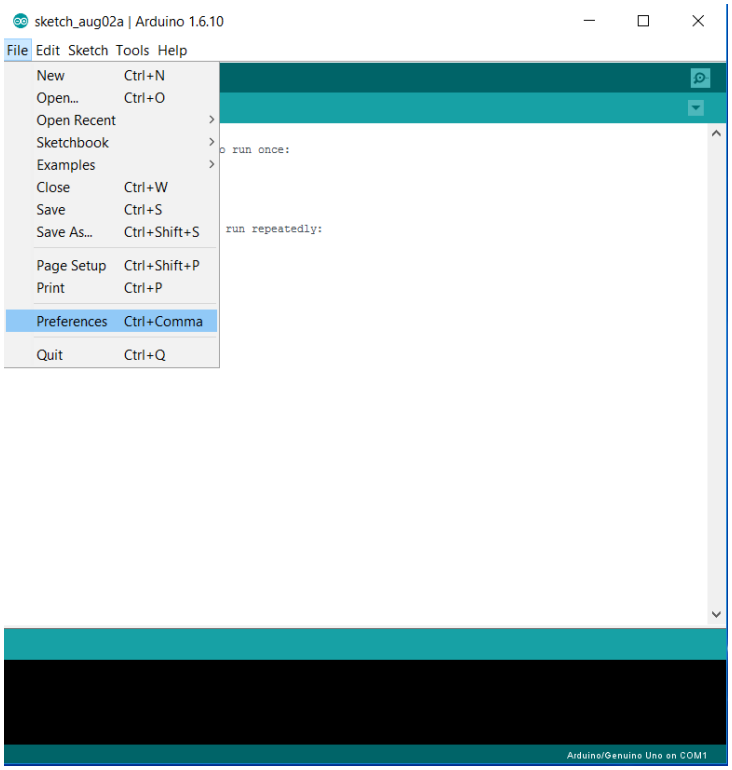
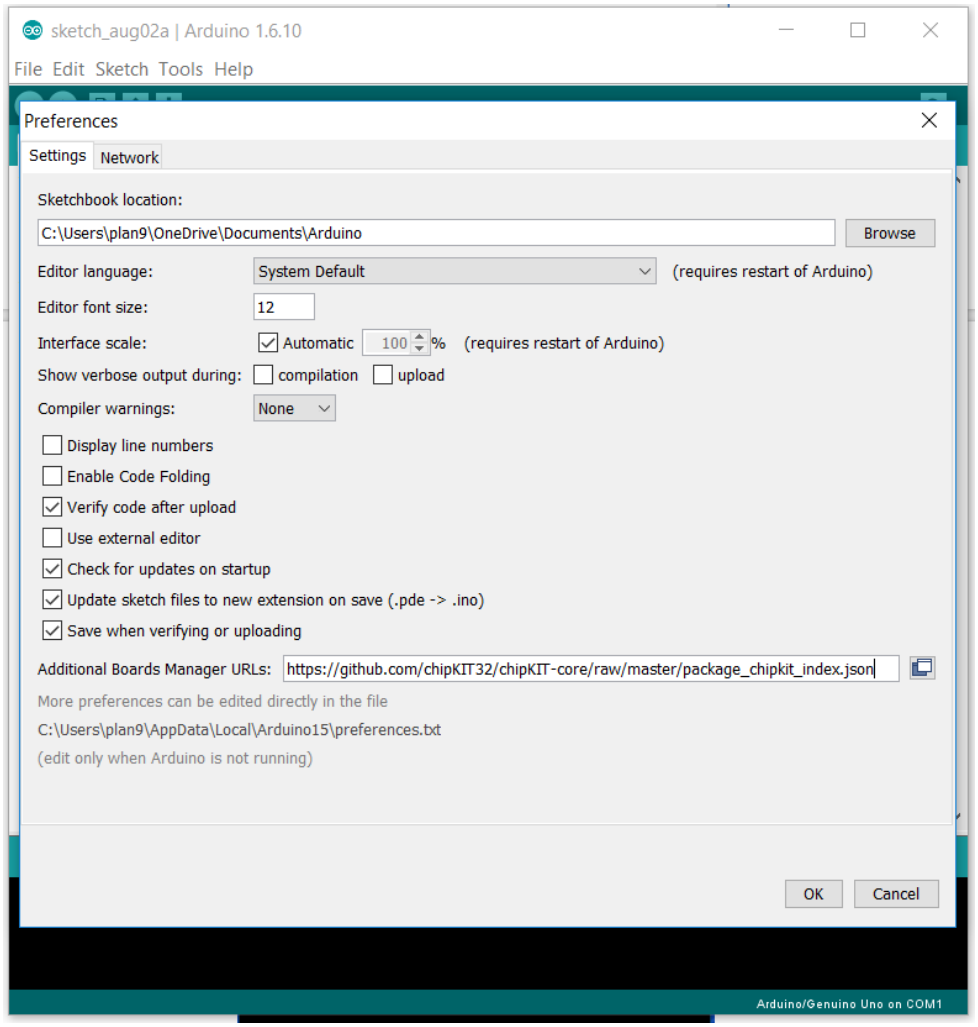
Setting Up Arduino IDE with chipKIT MAX32

1. First Install Arduino IDE. https://www.arduino.cc/en/Main/Software
2. Select File Tab

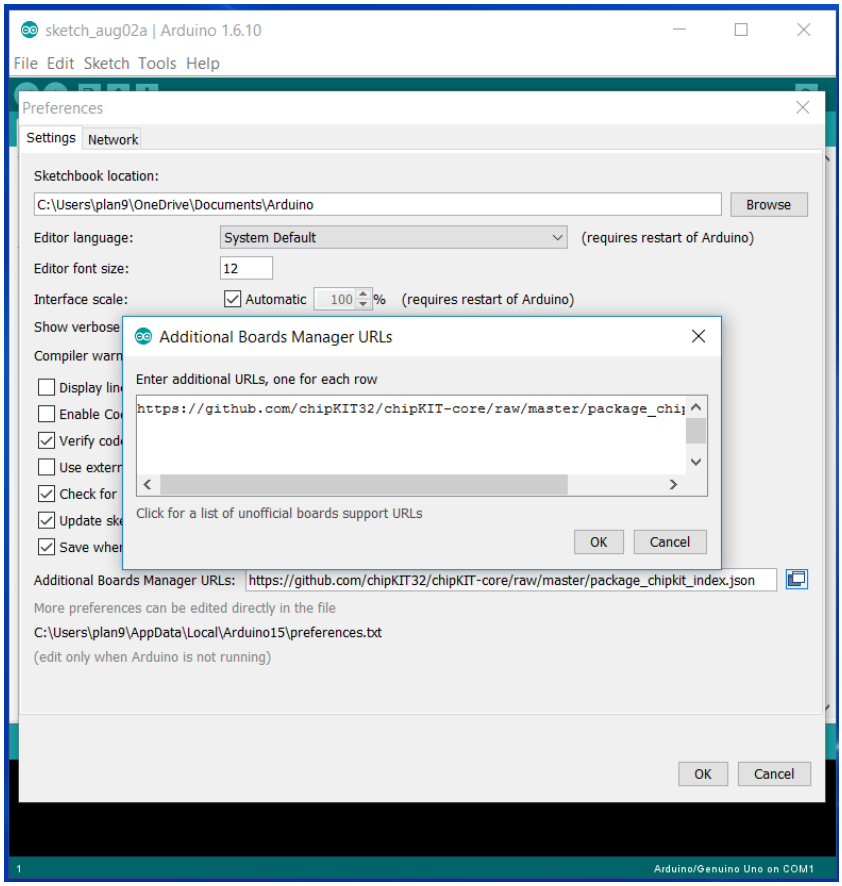


3. Copy the following line into the "Additional Boards Manager URLs" box:
   https://github.com/chipKIT32/chipKIT-core/raw/master/package_chipkit_index.json



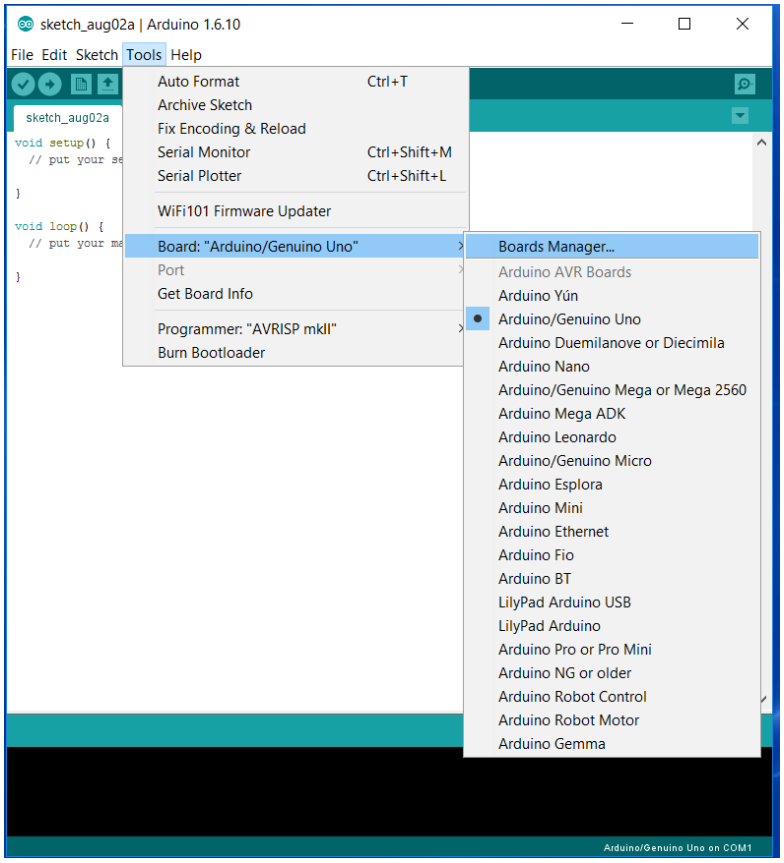
4. Then click OK and close the box.

5. If the “Additional Boards Manager URLs” is not blank then select the box next to the field the following box will open.

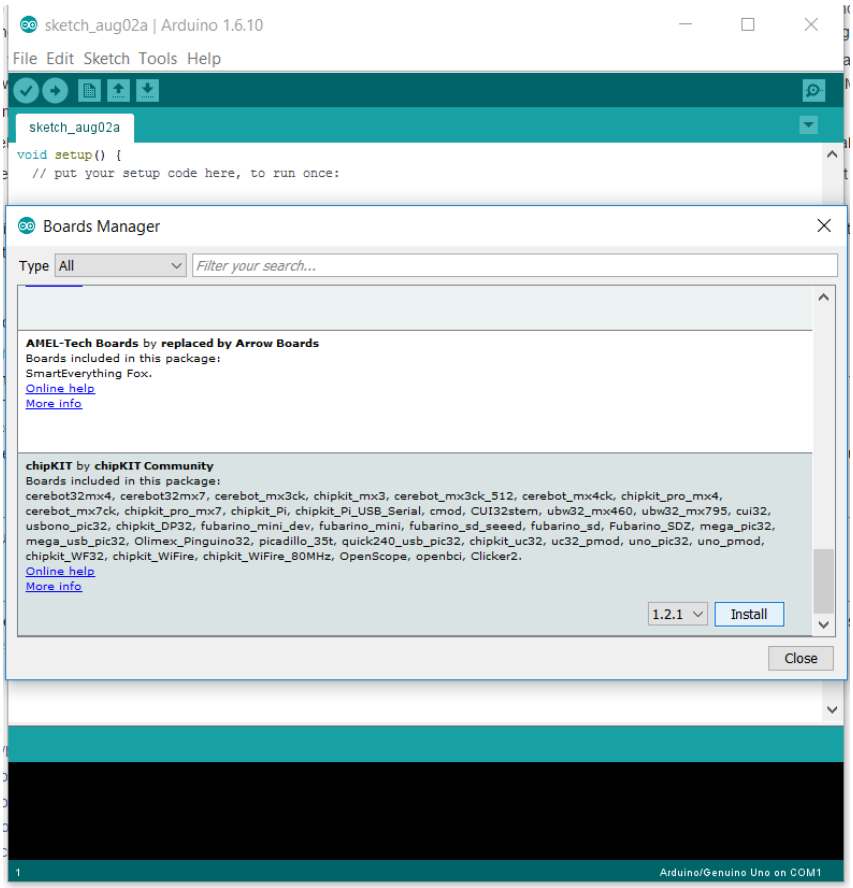


6. Then copy the link above into the next line in the dialog box.

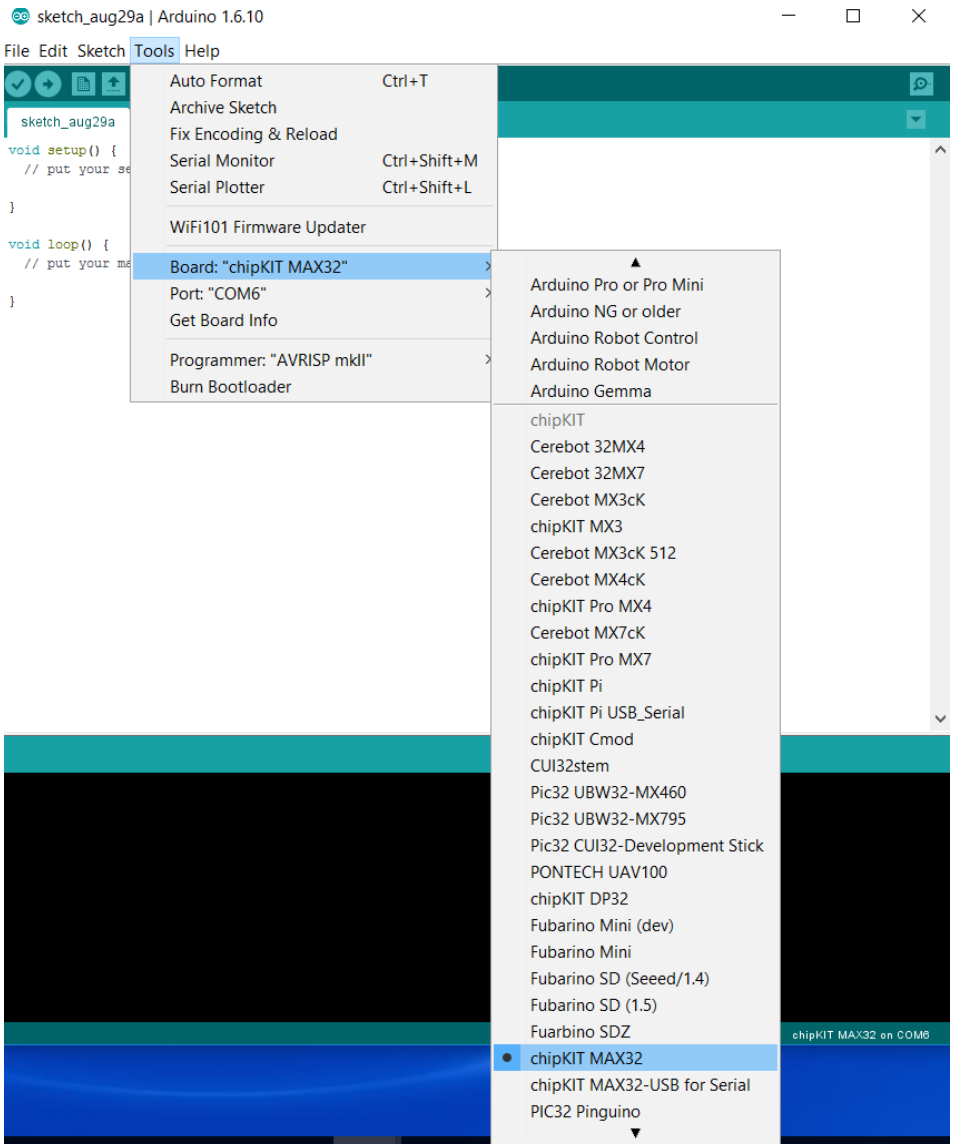
7. Then select the board manager from the tools tab as seen below.



8. After you select the Board manager scroll to the bottom and select chipKIT and select install



9. Now you should see the chipKIT boards show up in you list of boards to program to.


sketch_aug29a | Arduino 1.6.10
File Edit Sketch Tools Help
sketch_aug29a
void setup() {
// put your se
}
void loop() {
// put your ma
}
Auto Format Ctrl+T
Archive Sketch
Fix Encoding & Reload
Serial Monitor Ctrl+Shift+M
Serial Plotter Ctrl+Shift+L
WiFi101 Firmware Updater
Board: "chipKIT MAX32"
Port: "COM6"
Get Board Info
Programmer: "AVRISP mkII"
Burn Bootloader
Arduino Pro or Pro Mini
Arduino NG or older
Arduino Robot Control
Arduino Robot Motor
Arduino Gemma
chipKIT
Cerebot 32MX4
Cerebot 32MX7
Cerebot MX3cK
chipKIT MX3
Cerebot MX3cK 512
Cerebot MX4cK
chipKIT Pro MX4
Cerebot MX7cK
chipKIT Pro MX7
chipKIT Pi
chipKIT Pi USB_Serial
chipKIT Cmod
CUI32stem
Pic32 UBW32-MX460
Pic32 UBW32-MX795
Pic32 CUI32-Development Stick
PONTECH UAV100
chipKIT DP32
Fubarino Mini (dev)
Fubarino Mini
Fubarino SD (Seeed/1.4)
Fubarino SD (1.5)
Fuarbino SDZ
chipKIT MAX32
chipKIT MAX32-USB for Serial
PIC32 Pinguino
chipKIT MAX32 on COM6