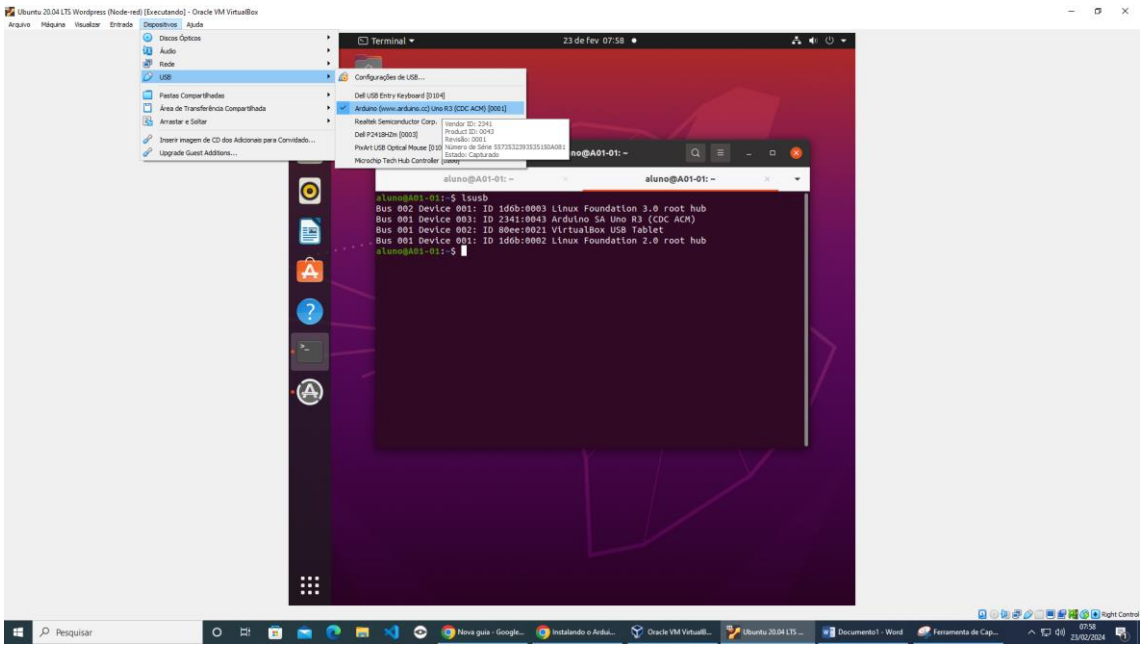
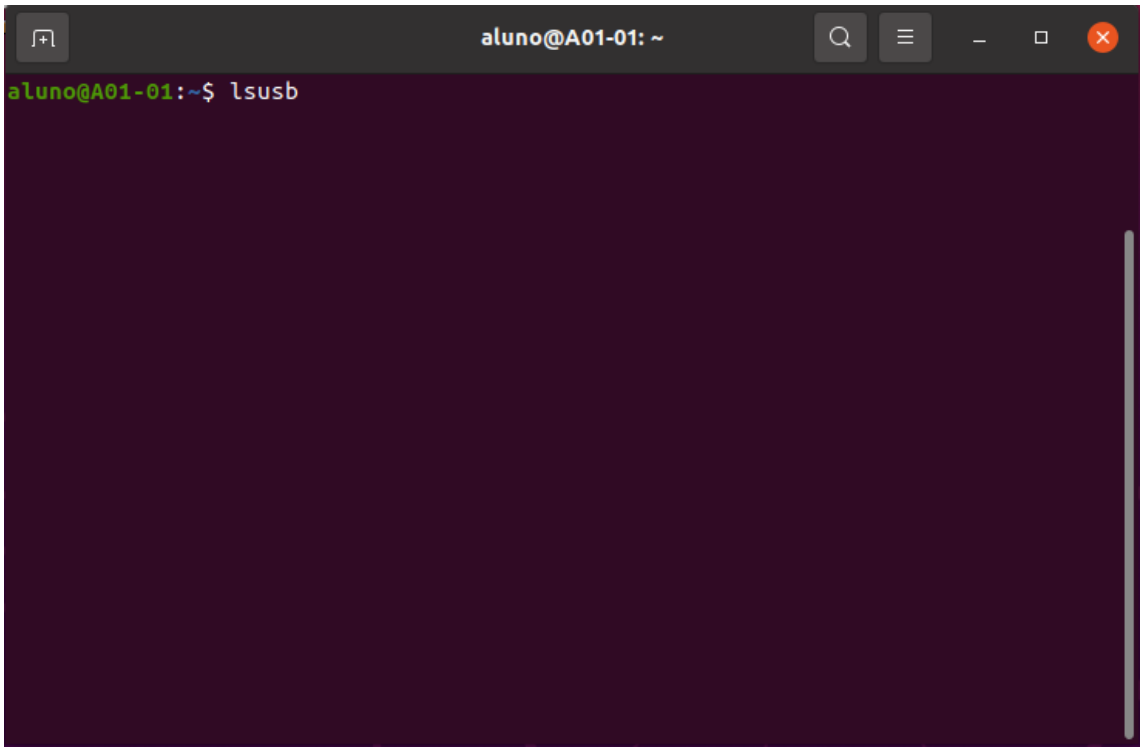
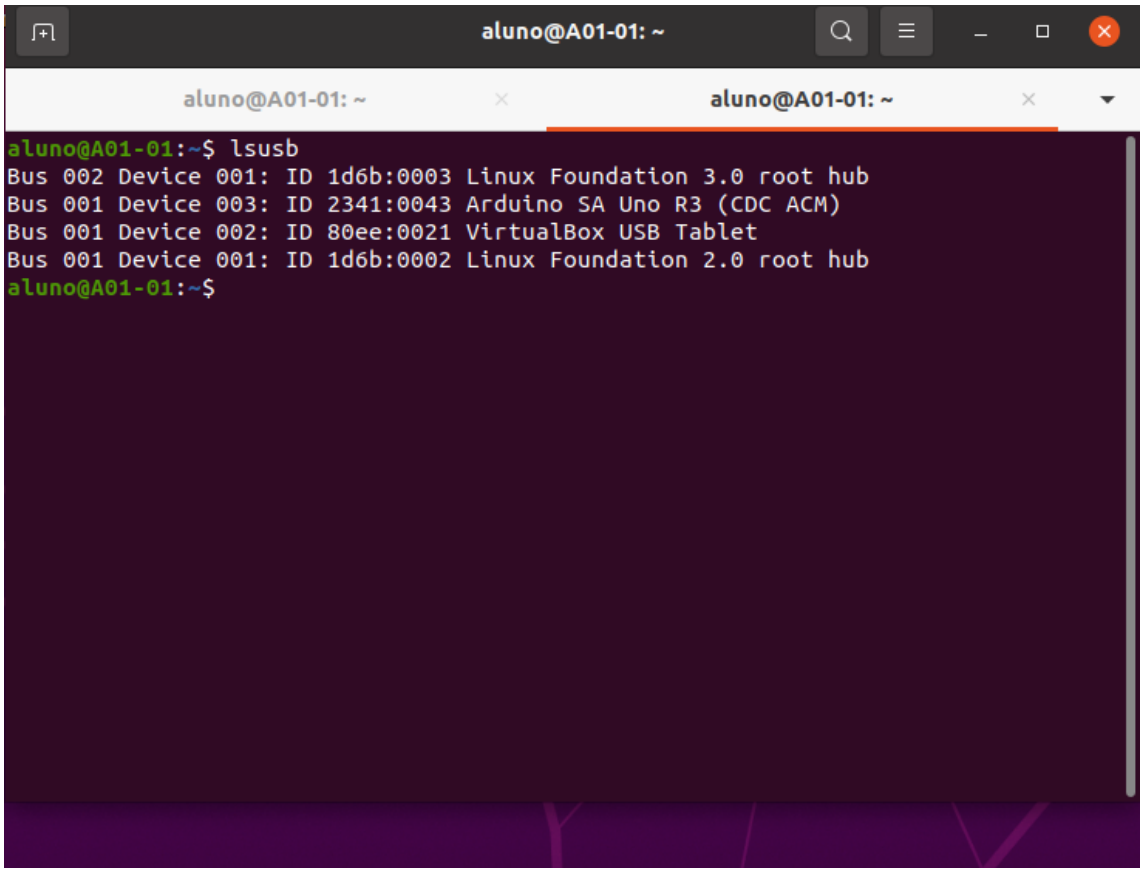
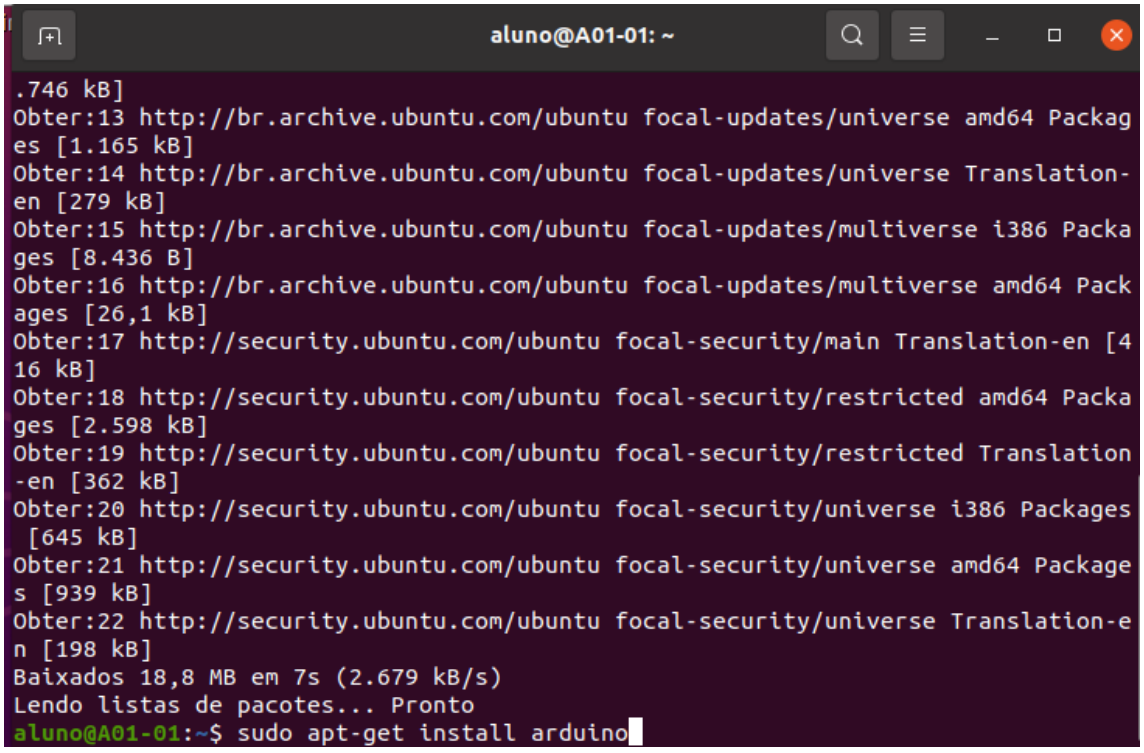

Ubuntu 20.04 LTS Wordpress (Node-red) [Executando] - Oracle VM VirtualBox
Arquivo Máquina Visualizar Entrada Dispositivos Ajuda
Discos Ópticos
Áudio
Rede
USB
Pastas Compartilhadas
Área de Transferência Compartilhada
Arrastar e Soltar
Inserir imagem de CD dos Adicionais para Convidado...
Upgrade Guest Additions...
Terminal
23 de fev 07:58
Configurações de USB...
Dell USB Entry Keyboard [0104]
Arduino (www.arduino.cc) Uno R3 (CDC ACM) [0001]
Realtek Semiconductor Corp.
Dell P2418HZm [0003]
PixArt USB Optical Mouse [010
Microchip Tech Hub Controller
aluno@A01-01: ~
aluno@A01-01: ~
aluno@A01-01:~$ lsusb
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 003: ID 2341:0043 Arduino SA Uno R3 (CDC ACM)
Bus 001 Device 002: ID 80ee:0021 VirtualBox USB Tablet
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
aluno@A01-01:~$
Pesquisar
Nova guia - Google...
Instalando o Ardui...
Oracle VM VirtualB...
Ubuntu 20.04 LTS ...
Documento1 - Word
Ferramenta de Cap...
Right Control
07:58
23/02/2024

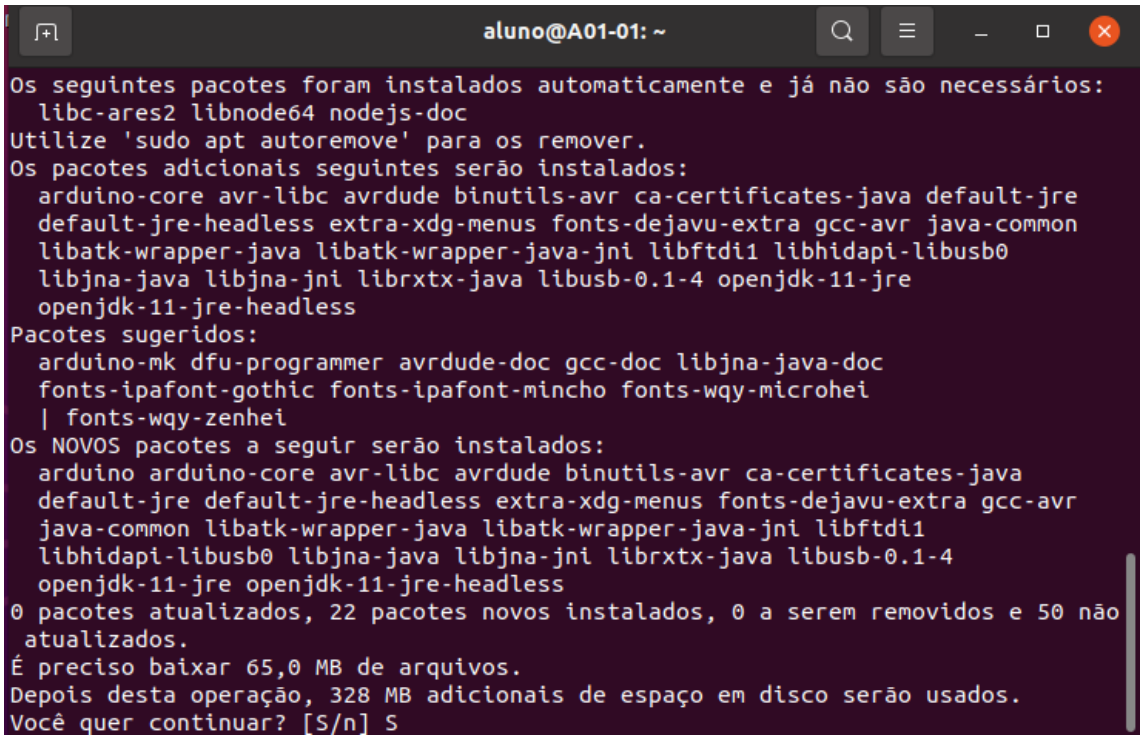

aluno@A01-01: ~
aluno@A01-01:~$ lsusb

Resultado

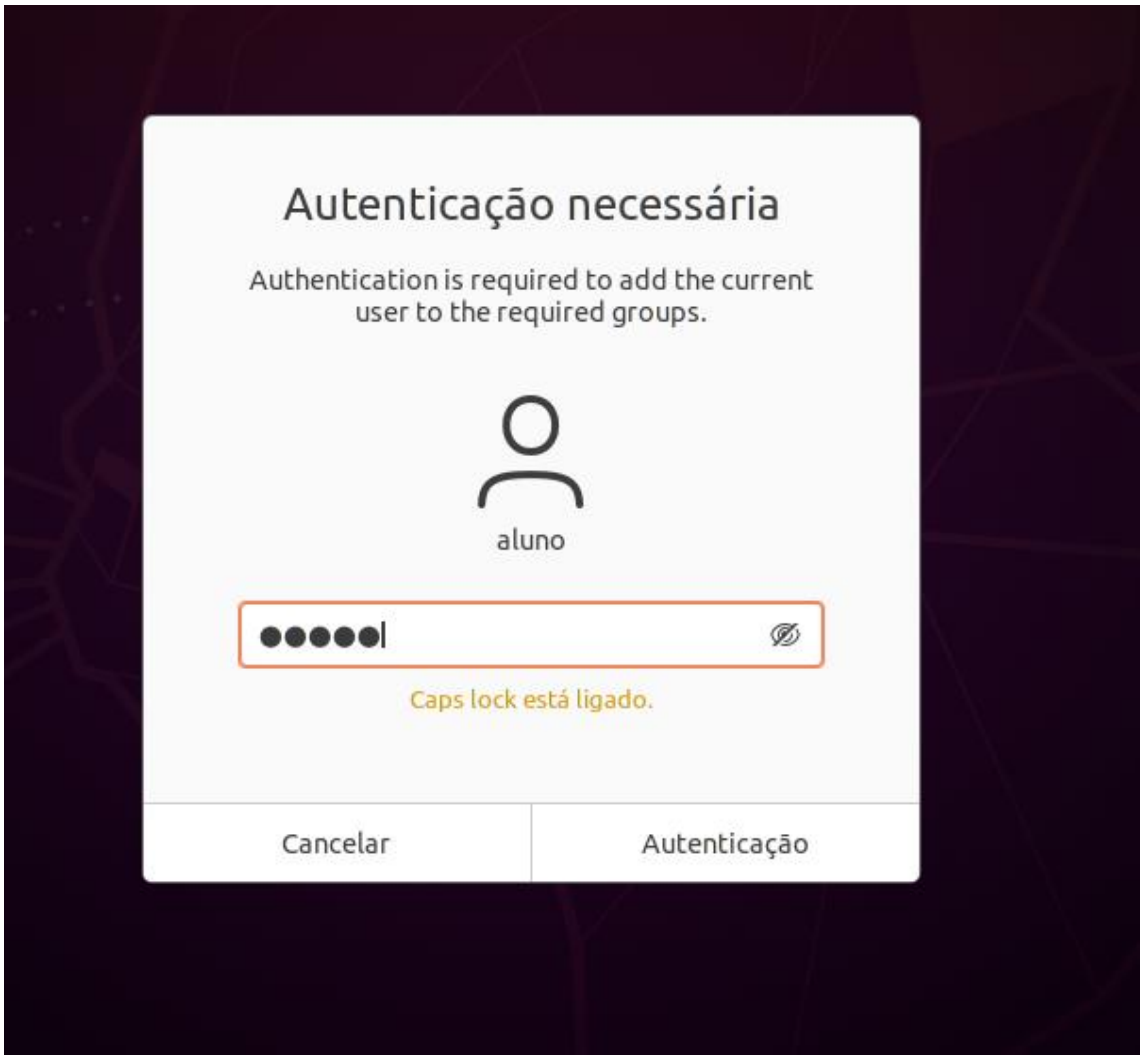


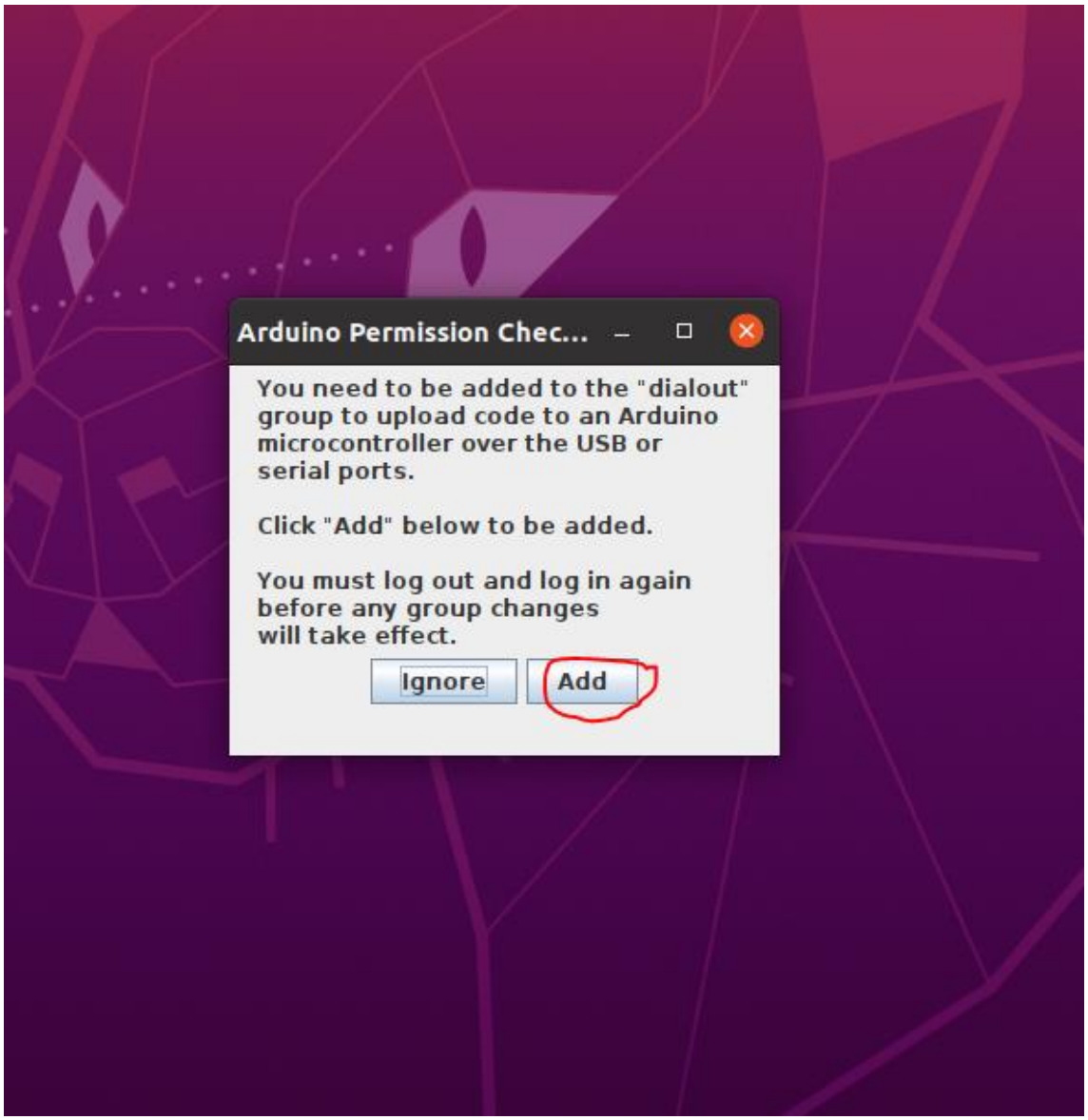
sudo apt-get update

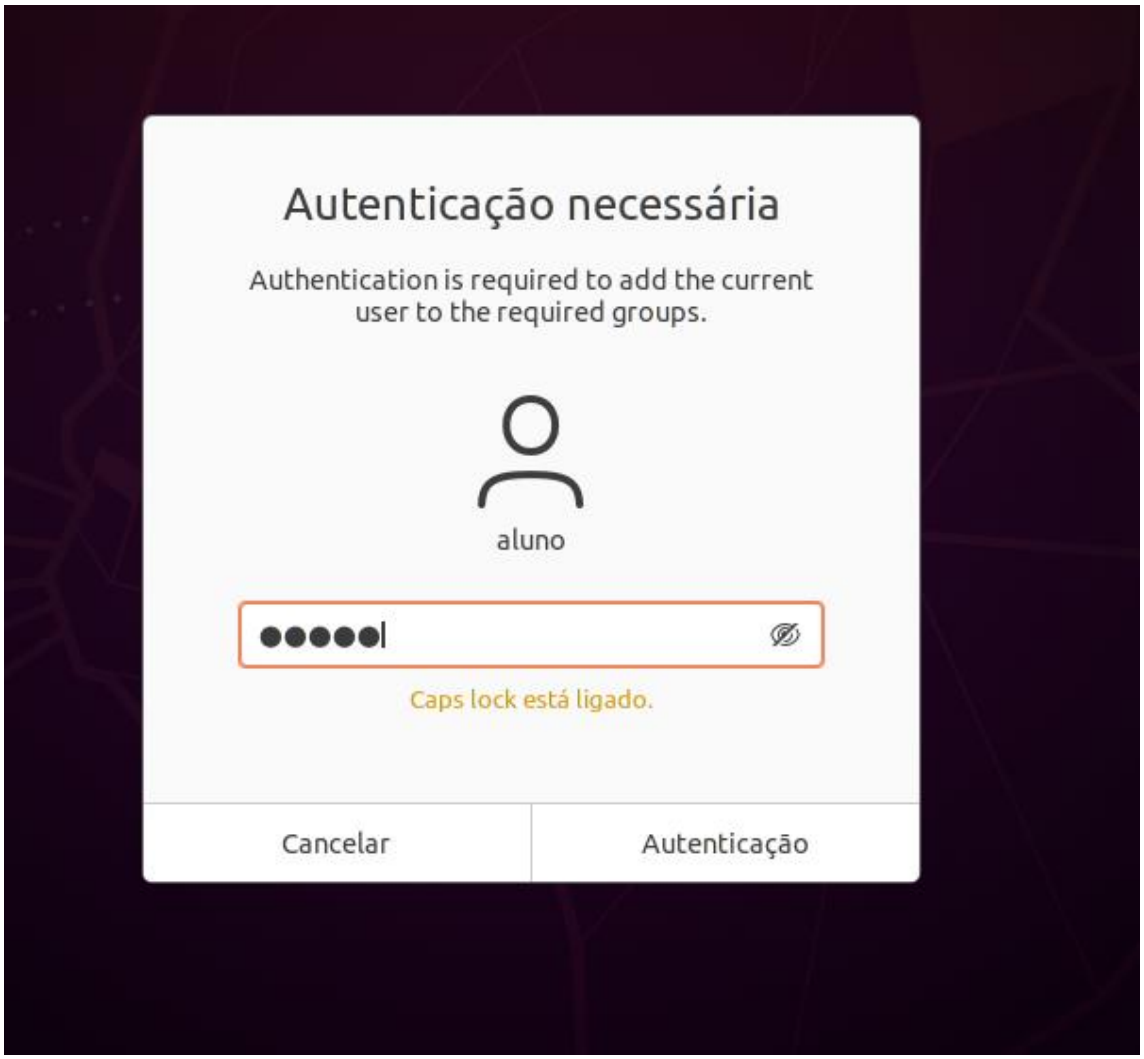


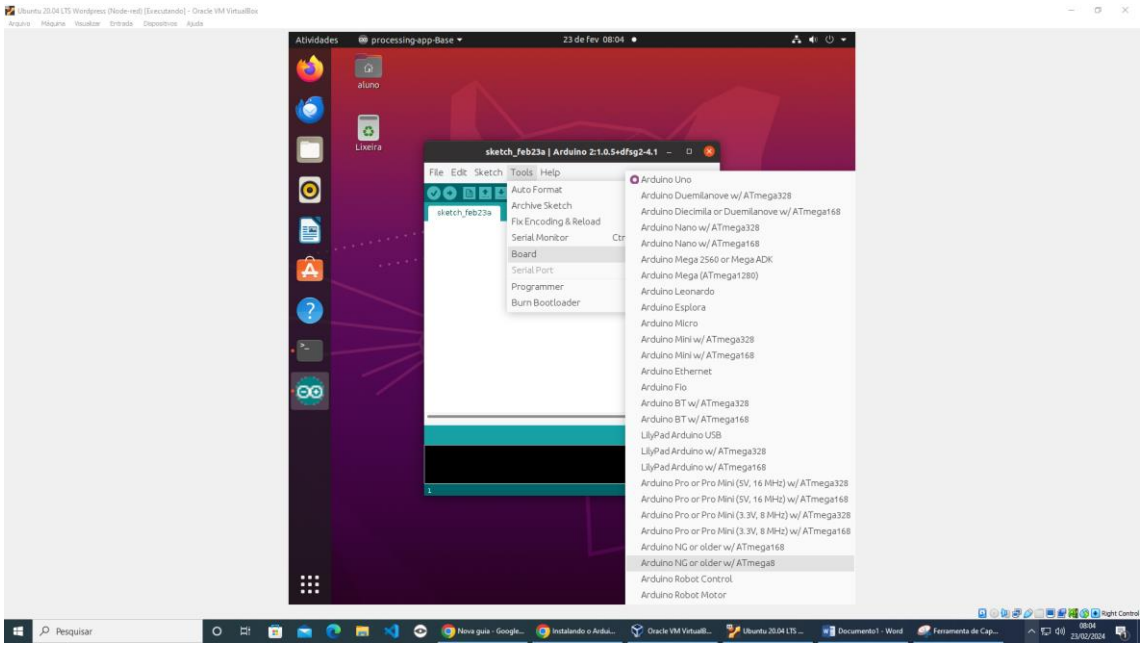

aluno@A01-01: ~
Os seguintes pacotes foram instalados automaticamente e já não são necessários:
libc-ares2 libnode64 nodejs-doc
Utilize 'sudo apt autoremove' para os remover.
Os pacotes adicionais seguintes serão instalados:
arduino-core avr-libc avrdude binutils-avr ca-certificates-java default-jre
default-jre-headless extra-xdg-menus fonts-dejavu-extra gcc-avr java-common
libatk-wrapper-java libatk-wrapper-java-jni libftdi1 libhidapi-libusb0
libjna-java libjna-jni librxtx-java libusb-0.1-4 openjdk-11-jre
openjdk-11-jre-headless
Pacotes sugeridos:
arduino-mk dfu-programmer avrdude-doc gcc-doc libjna-java-doc
fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei
| fonts-wqy-zenhei
Os NOVOS pacotes a seguir serão instalados:
arduino arduino-core avr-libc avrdude binutils-avr ca-certificates-java
default-jre default-jre-headless extra-xdg-menus fonts-dejavu-extra gcc-avr
java-common libatk-wrapper-java libatk-wrapper-java-jni libftdi1
libhidapi-libusb0 libjna-java libjna-jni librxtx-java libusb-0.1-4
openjdk-11-jre openjdk-11-jre-headless
0 pacotes atualizados, 22 pacotes novos instalados, 0 a serem removidos e 50 não
atualizados.
É preciso baixar 65,0 MB de arquivos.
Depois desta operação, 328 MB adicionais de espaço em disco serão usados.
Você quer continuar? [S/n] S

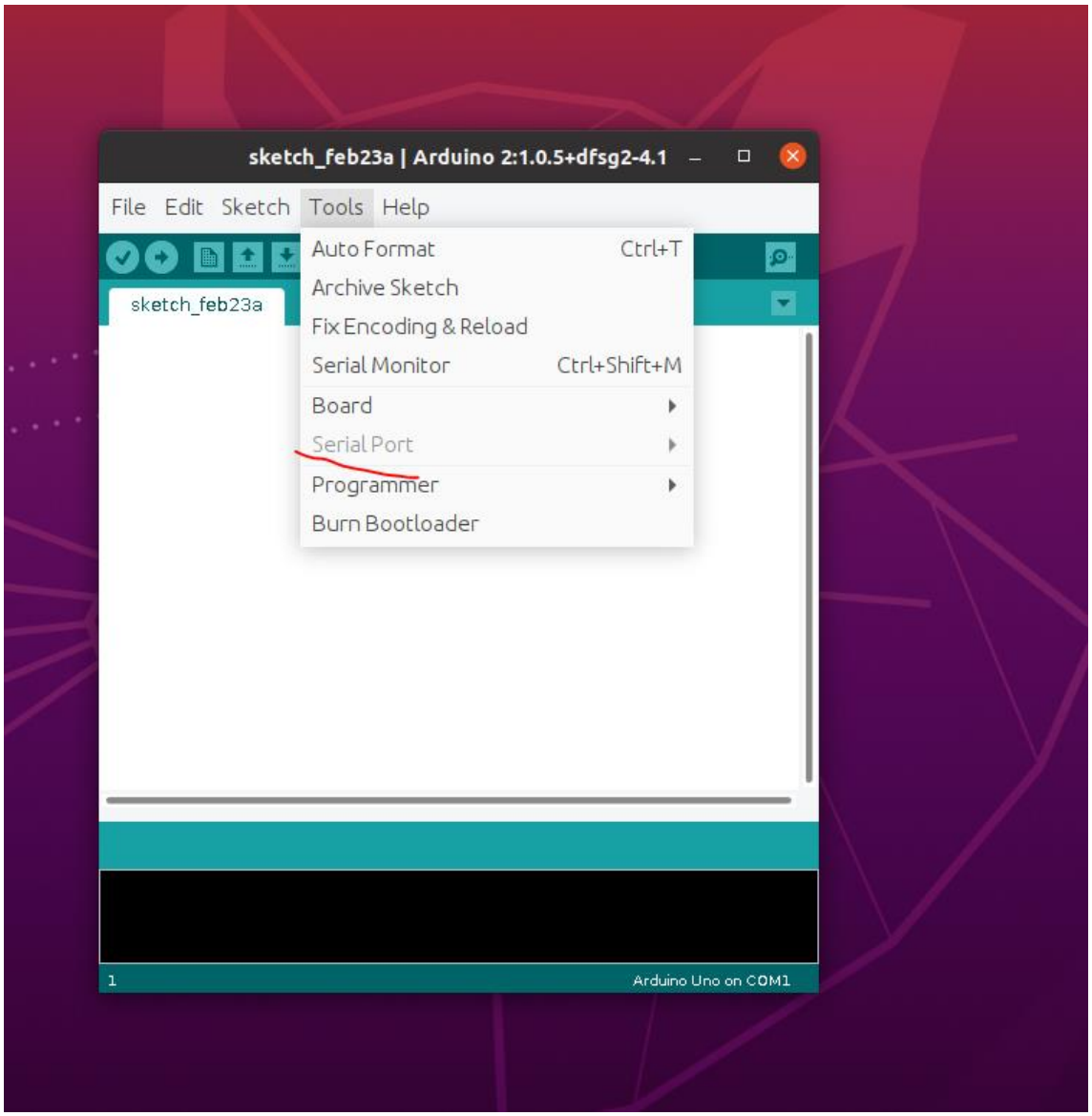

Atividades
23 de fev 08:02
Digite para pesquisar
Ajuda
Aplicativos inic...
Arduino IDE
Arquivos
Atualizador de ...
Calculadora
Calendário
Cheese
Cliente de E-ma...
Configuração d...
Configurações
Criador de disc...
Dillo
Drivers Adicion...
Editor de texto
Estatísticas de ...
Frequente
Todos

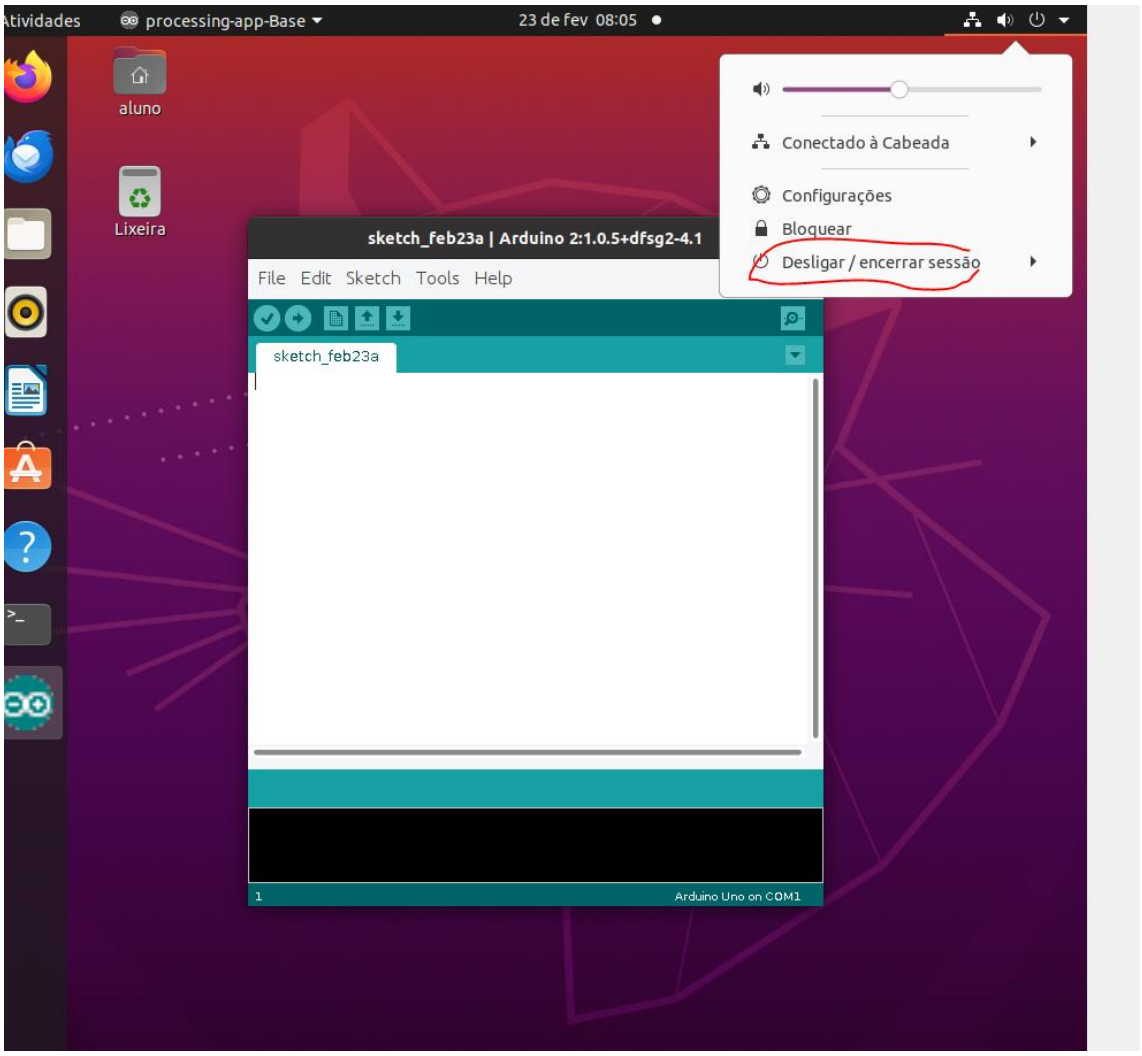

Autenticação necessária
Authentication is required to add the current user to the required groups.
aluno
Caps lock está ligado.
Cancelar
Autenticação

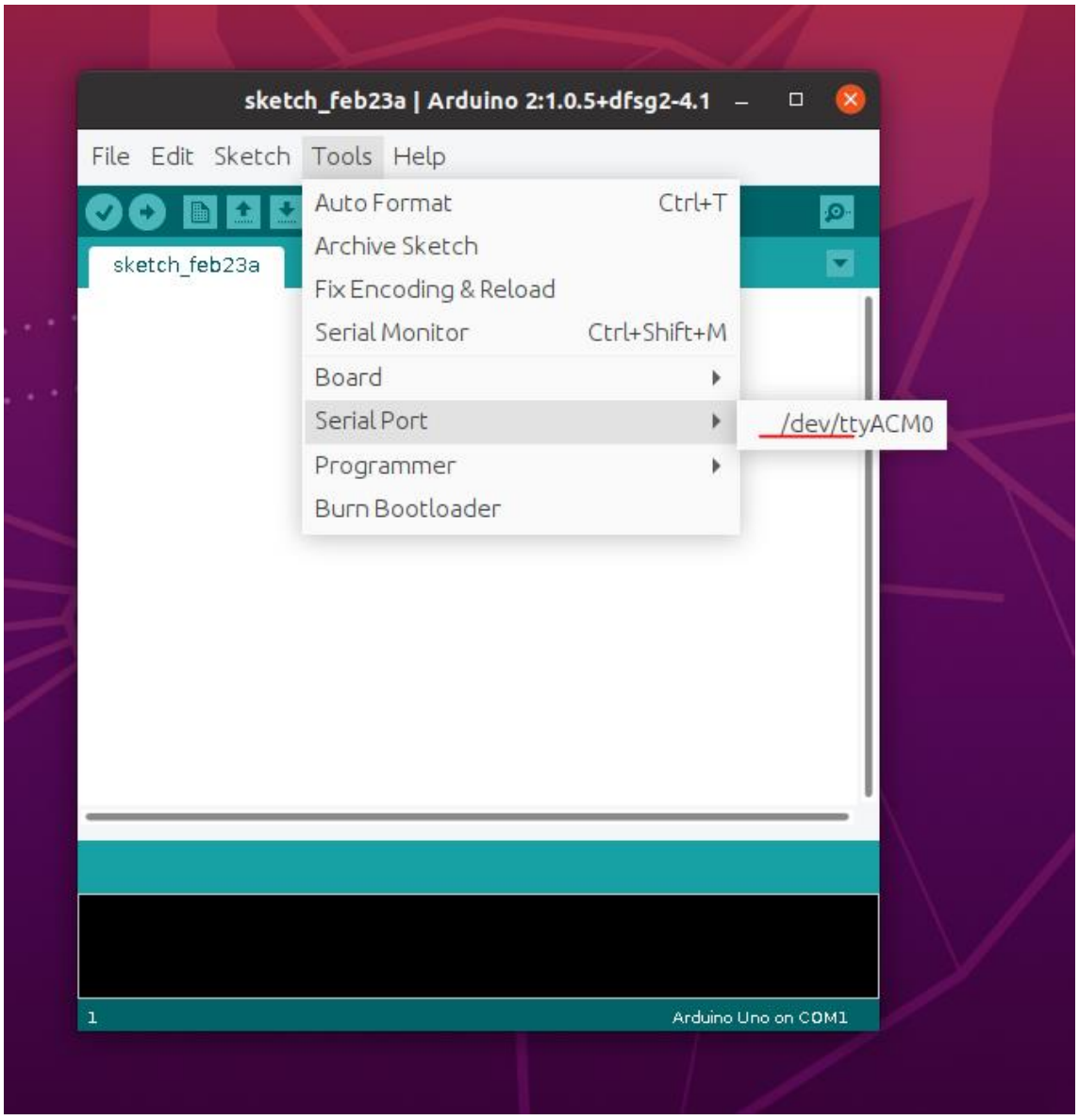

Arduino Permission Chec...
You need to be added to the "dialout" group to upload code to an Arduino microcontroller over the USB or serial ports.
Click "Add" below to be added.
You must log out and log in again before any group changes will take effect.
Ignore
Add

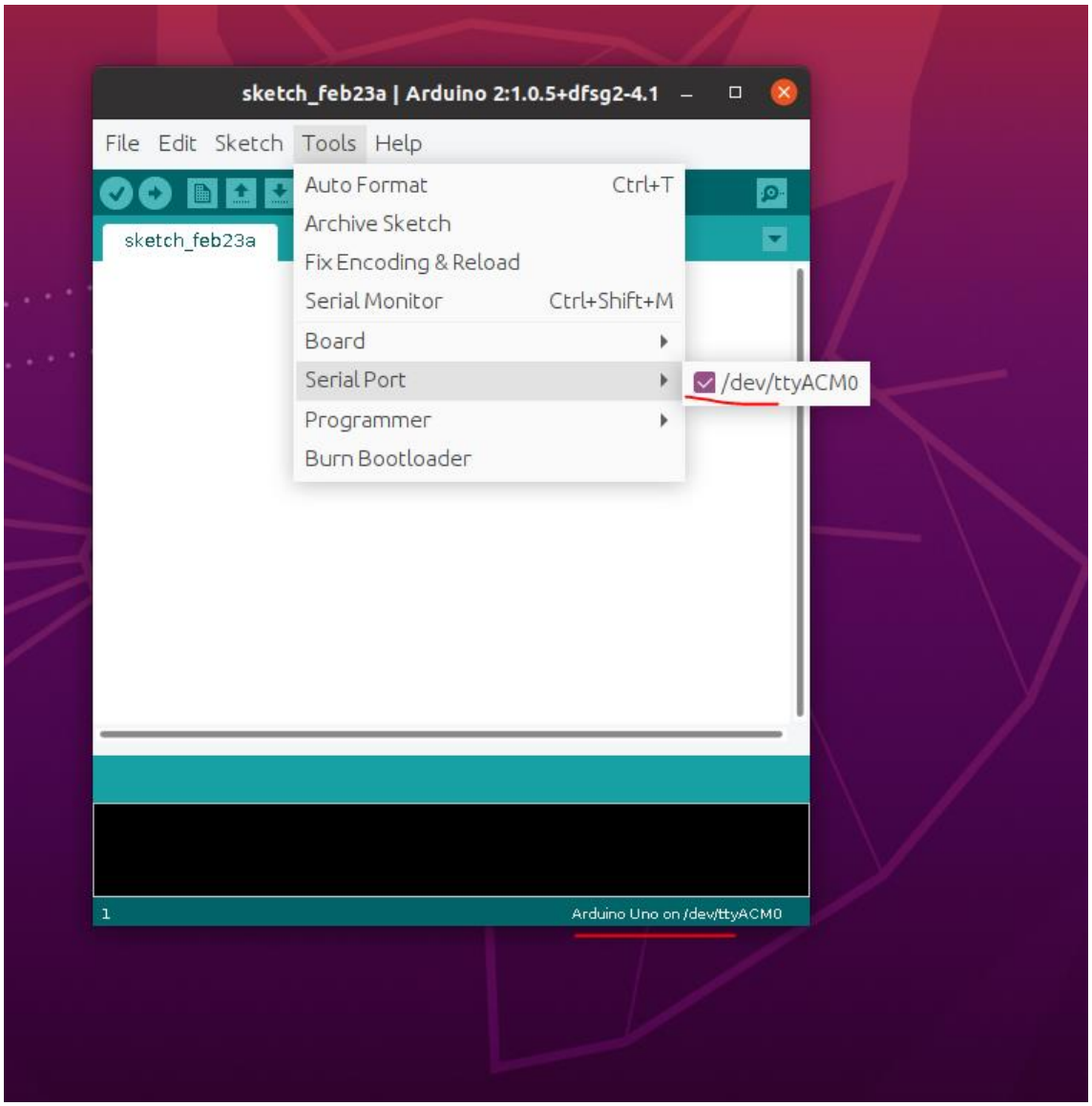

Autenticação necessária
Authentication is required to add the current user to the required groups.
aluno
Caps lock está ligado.
Cancelar
Autenticação

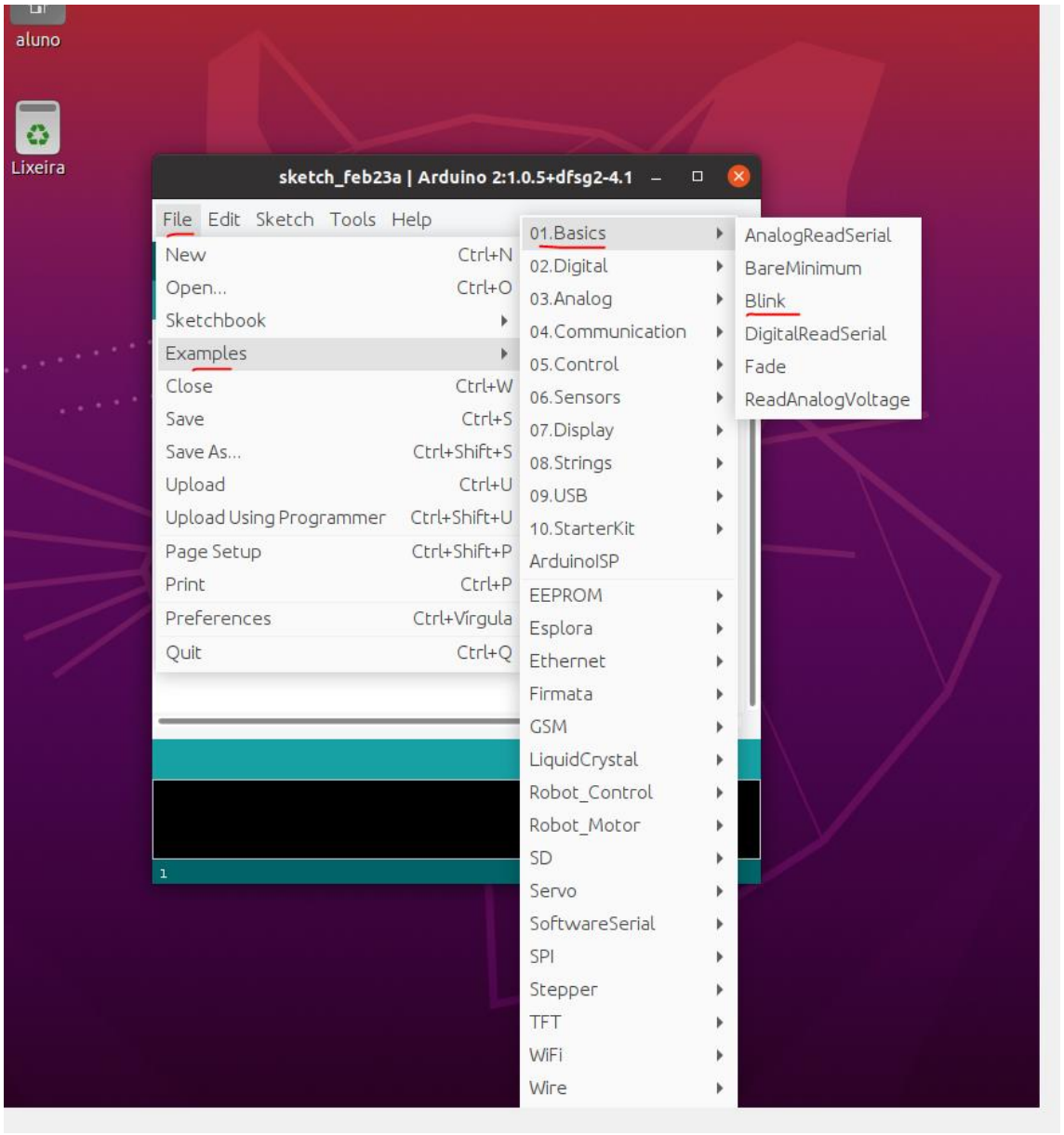

Atividades
processing-app-Base
23 de fev 08:04
aluno
Lixeira
sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
Auto Format
Archive Sketch
Fix Encoding & Reload
Serial Monitor
Board
Serial Port
Programmer
Burn Bootloader
Arduino Uno
Arduino Duemilanove w/ ATmega328
Arduino Diecimila or Duemilanove w/ ATmega168
Arduino Nano w/ ATmega328
Arduino Nano w/ ATmega168
Arduino Mega 2560 or Mega ADK
Arduino Mega (ATmega1280)
Arduino Leonardo
Arduino Esplora
Arduino Micro
Arduino Mini w/ ATmega328
Arduino Mini w/ ATmega168
Arduino Ethernet
Arduino Fio
Arduino BT w/ ATmega328
Arduino BT w/ ATmega168
LilyPad Arduino USB
LilyPad Arduino w/ ATmega328
LilyPad Arduino w/ ATmega168
Arduino Pro or Pro Mini (5V, 16 MHz) w/ ATmega328
Arduino Pro or Pro Mini (5V, 16 MHz) w/ ATmega168
Arduino Pro or Pro Mini (3.3V, 8 MHz) w/ ATmega328
Arduino Pro or Pro Mini (3.3V, 8 MHz) w/ ATmega168
Arduino NG or older w/ ATmega168
Arduino NG or older w/ ATmega8
Arduino Robot Control
Arduino Robot Motor
Pesquisar

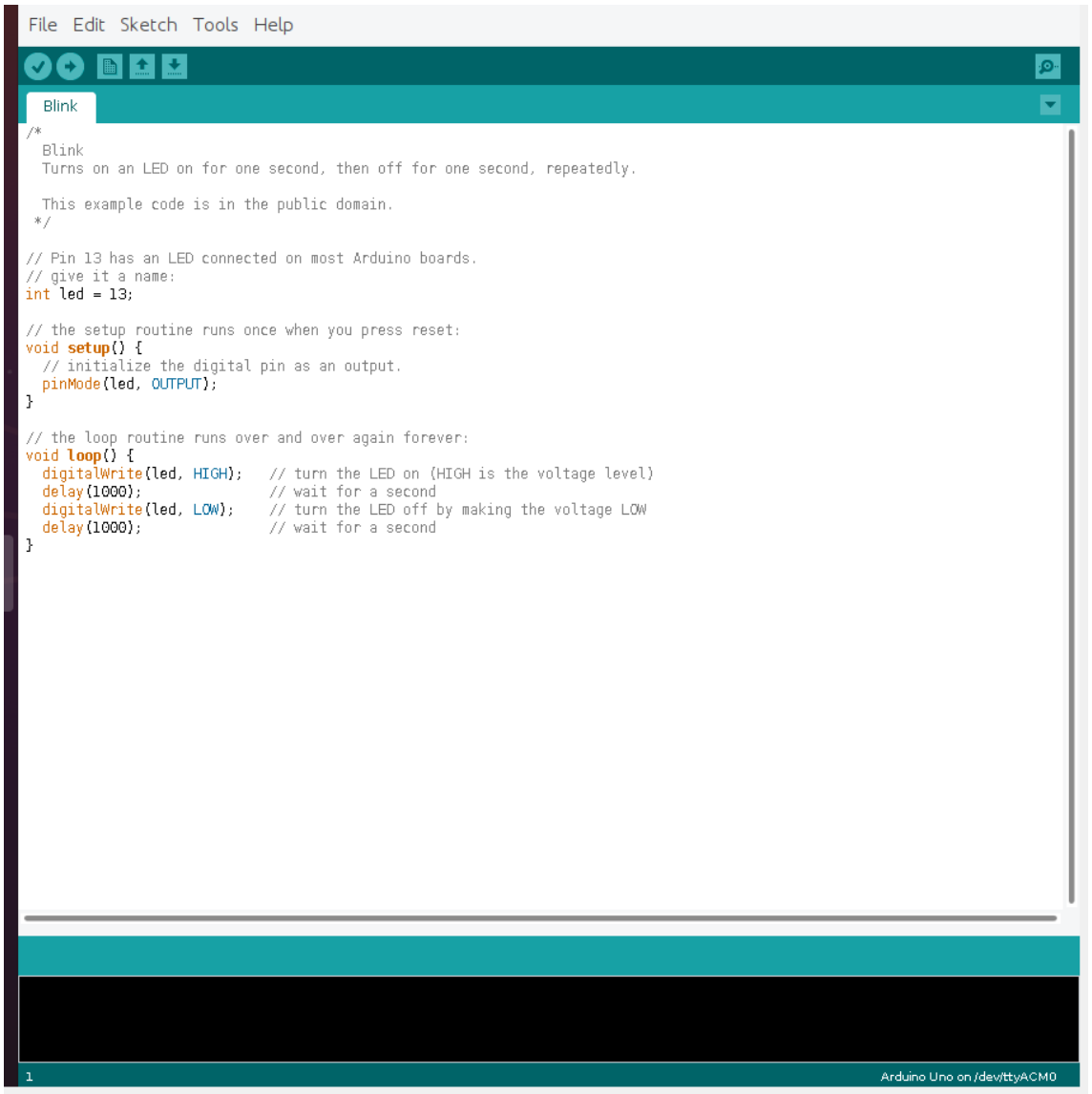

sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
sketch_feb23a
Auto Format Ctrl+T
Archive Sketch
Fix Encoding & Reload
Serial Monitor Ctrl+Shift+M
Board
Serial Port
Programmer
Burn Bootloader
1
Arduino Uno on COM1

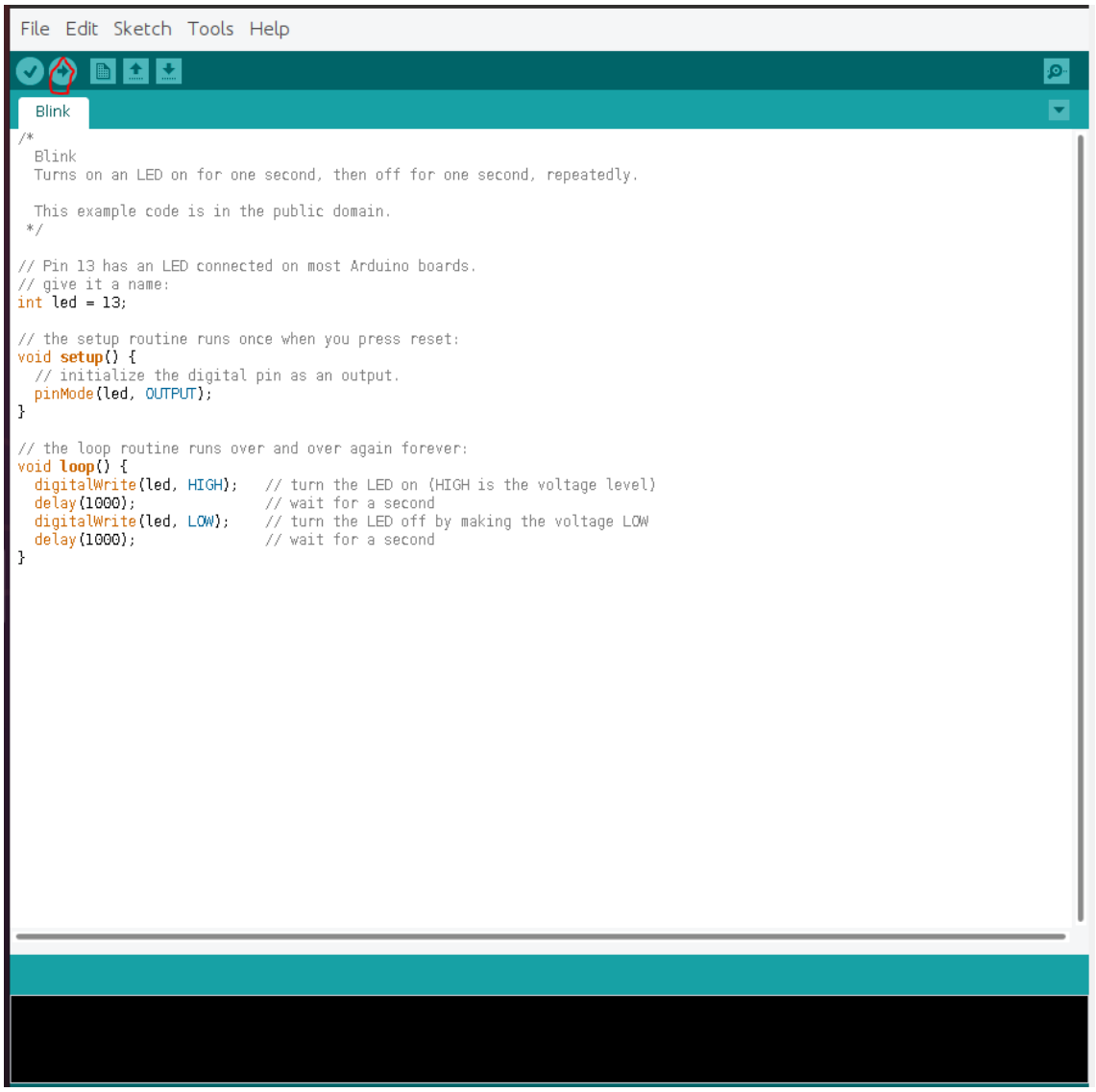

Atividades
processing-app-Base
23 de fev 08:05
aluno
Lixeira
Conectado à Cabeada
Configurações
Bloquear
Desligar / encerrar sessão
sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
sketch_feb23a
1
Arduino Uno on COM1


sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
sketch_feb23a
Auto Format Ctrl+T
Archive Sketch
Fix Encoding & Reload
Serial Monitor Ctrl+Shift+M
Board
Serial Port
Programmer
Burn Bootloader
/dev/ttyACM0
1
Arduino Uno on COM1


sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
sketch_feb23a
Auto Format Ctrl+T
Archive Sketch
Fix Encoding & Reload
Serial Monitor Ctrl+Shift+M
Board
Serial Port
Programmer
Burn Bootloader
/dev/ttyACM0
1
Arduino Uno on /dev/ttyACM0


aluno
Lixeira
sketch_feb23a | Arduino 2:1.0.5+dfsg2-4.1
File Edit Sketch Tools Help
New Ctrl+N
Open... Ctrl+O
Sketchbook
Examples
Close Ctrl+W
Save Ctrl+S
Save As... Ctrl+Shift+S
Upload Ctrl+U
Upload Using Programmer Ctrl+Shift+U
Page Setup Ctrl+Shift+P
Print Ctrl+P
Preferences Ctrl+Vírgula
Quit Ctrl+Q
01.Basics
02.Digital
03.Analog
04.Communication
05.Control
06.Sensors
07.Display
08.Strings
09.USB
10.StarterKit
ArduinoISP
EEPROM
Esplora
Ethernet
Firmata
GSM
LiquidCrystal
Robot_Control
Robot_Motor
SD
Servo
SoftwareSerial
SPI
Stepper
TFT
WiFi
Wire
AnalogReadSerial
BareMinimum
Blink
DigitalReadSerial
Fade
ReadAnalogVoltage
1


File Edit Sketch Tools Help
Blink
/*
Blink
Turns on an LED on for one second, then off for one second, repeatedly.
This example code is in the public domain.
*/
// Pin 13 has an LED connected on most Arduino boards.
// give it a name:
int led = 13;
// the setup routine runs once when you press reset:
void setup() {
// initialize the digital pin as an output.
pinMode(led, OUTPUT);
}
// the loop routine runs over and over again forever:
void loop() {
digitalWrite(led, HIGH); // turn the LED on (HIGH is the voltage level)
delay(1000); // wait for a second
digitalWrite(led, LOW); // turn the LED off by making the voltage LOW
delay(1000); // wait for a second
}
1
Arduino Uno on /dev/ttyACM0


File Edit Sketch Tools Help
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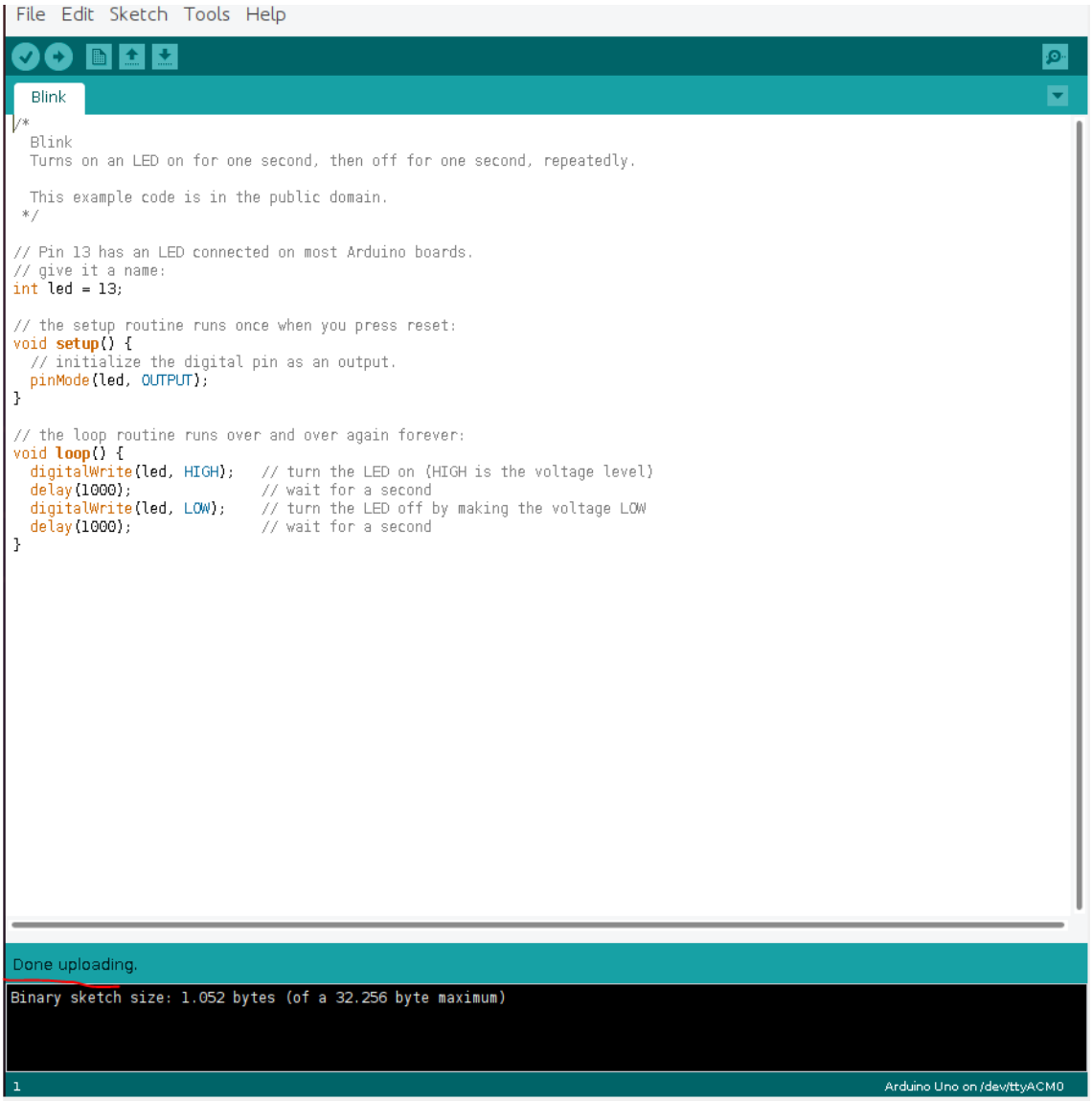
delay(1000); // wait for a second
}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Blink
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digitalWrite(led, LOW); // turn the LED off by making the voltage LOW
delay(1000); // wait for a second
}
Done uploading.
Binary sketch size: 1.052 bytes (of a 32.256 byte maximum)
1
Arduino Uno on /dev/ttyACM0