Step 5: Getting the Raspberry Pi to talk to Arduino

You needed to establish serial communication between a Raspberry Piand an Arduino Uno.

Firstly, I needed to install pyserial library in your Raspberry Pi. Open a terminal window and enter the following command:

**sudo apt-get install python-serial**

Now, you can to read the information sent by Arduino from Python.

In your file .py:

import serial

import serial.tools.list\_ports

ports=list(serial.tools.list\_ports.comports())

port\_no = ports[0][0]

arduino = serial.Serial(port\_no, 9600,timeout=1)

while True:

read\_serial=arduino.readline()