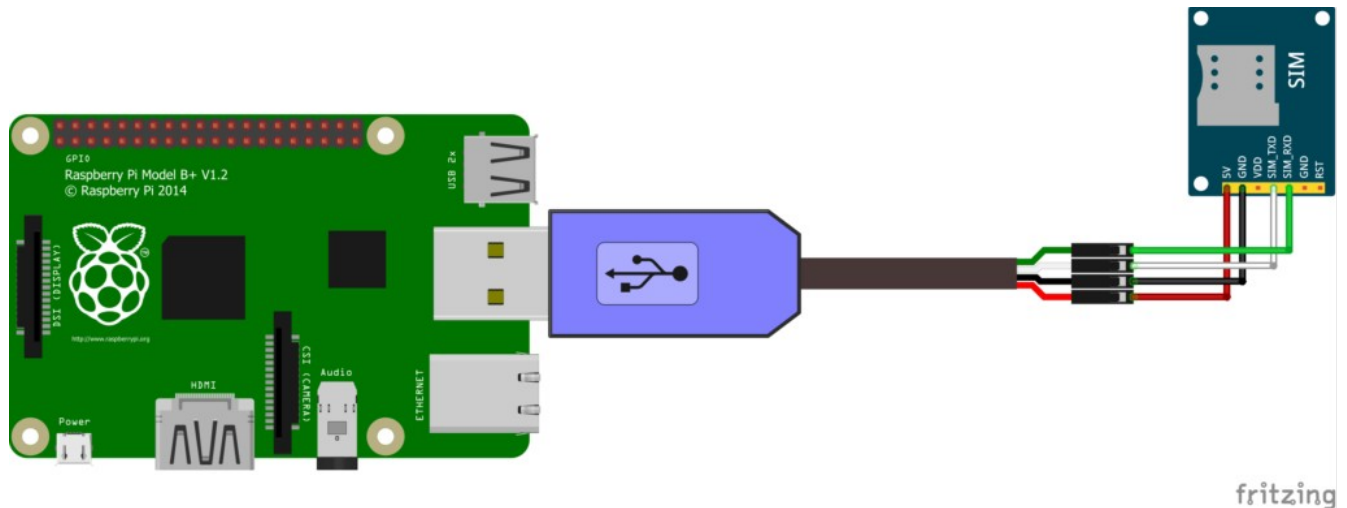
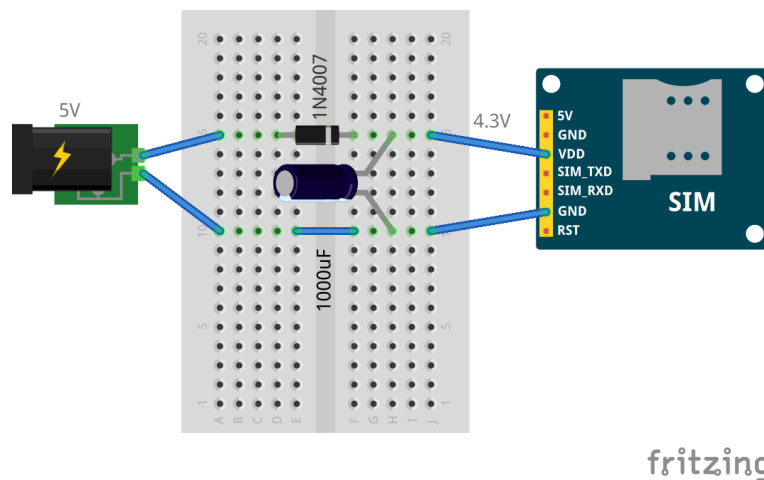


SIM800L interfacing with raspberry using Python

Interfacing circuit diagram



Note : Operating voltage of SIM800 module is between 3.4V to 4.4V. If your SIM800L board is not having 5V input then you have to convert 5V to 4.4V or you can supply the SIM800L with lithium ion battery. Following circuit can also be used to get the proper operating voltage.



Library installation:

To install the required libraries on your raspberry pi run the following commands on terminal of your raspberry pi.

```
sudo apt install -y git
git clone https://github.com/jakhax/raspberry-pi-sim800l-gsm-module.git
```

After installation you run the example files for sending and receiving SMS.