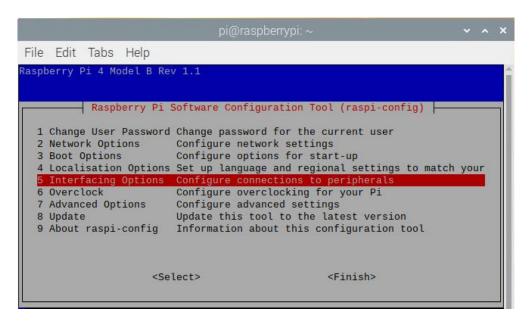
# **SPI Configuration**

Step 1: Enable the SPI port of your Raspberry Pi (If you have enabled it, skip this; if you do not know whether you have done that or not, please continue).

sudo raspi-config

5 Interfacing options



P4 SPI

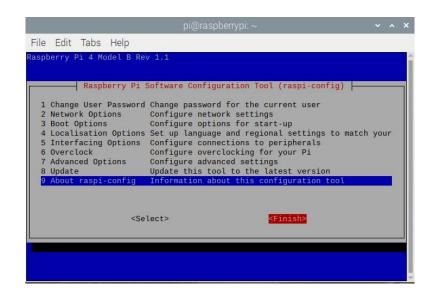
```
File Edit Tabs Help
       Raspberry Pi Software Configuration Tool (raspi-config)
                Enable/Disable connection to the Raspberry Pi Camera Enable/Disable remote command line access to your Pi using
P1 Camera
P2 SSH
P3 VNC
                 Enable/Disable graphical remote access to your Pi using Rea
                 Enable/Disable automatic loading of I2C kernel module
P5 I2C
P6 Serial
                Enable/Disable shell and kernel messages on the serial conn
P7 1-Wire
                 Enable/Disable one-wire interface
P8 Remote GPIO Enable/Disable remote access to GPIO pins
                     <Select>
                                                     <Back>
```



#### <OK>



#### <Finish>



## Step 2: Check that the i2c modules are loaded and active.

#### Is /dev/sp\*

Then the following codes will appear (the number may be different).

/dev/spidev0.0 /dev/spidev0.1

## Step 3: Install Python module SPI-Py.

git clone https://github.com/lthiery/SPI-Py.git

cd SPI-Py

sudo python3 setup.py install

Note: This step is for python users, if you use C language, please skip.

### **Copyright Notice**

All contents including but not limited to texts, images, and code in this manual are owned by the SunFounder Company. You should only use it for personal study, investigation, enjoyment, or other non-commercial or nonprofit purposes, under the related regulations and copyrights laws, without infringing the legal rights of the author and relevant right holders. For any individual or organization that uses these for commercial profit without permission, the Company reserves the right to take legal action.