1.Start up Raspberry Pi I2C function

Input following command:

sudo apt-get install -y python-smbus i2c-tools

PS: The communication method of the Raspberry-Pi-RGB-Cooling-HAT and the Raspberry Pi is operated through I2C.

So before using Raspberry-Pi-RGB-Cooling-HAT, we need toenable the I2C service of the Raspberry Pi.

Input following command:

sudo raspi-config

Choose【Interfacing Options】.

```
┤ Raspberry Pi Software Configuration Tool (raspi-config) ├

    1 Change User Password  Change password for the current user
    2 Network Options        Configure network settings
    3 Boot Options           Configure options for start-up
    4 Localisation Options   Set up language and regional settings to match your location
    5 Interfacing Options    Configure connections to peripherals
    6 Overclock              Configure overclocking for your Pi
    7 Advanced Options       Configure advanced settings
    8 Update                 Update this tool to the latest version
    9 About raspi-config     Information about this configuration tool


                    <Select>                              <Finish>
```
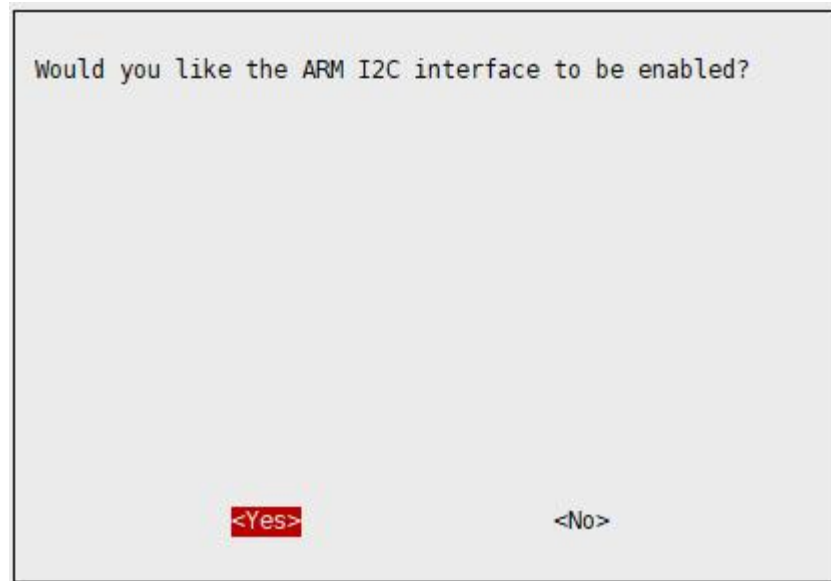
Choose【I2C】---【YES】.

```
┤ Raspberry Pi Software Configuration Tool (raspi-config) ├

    P1 Camera      Enable/Disable connection to the Raspberry Pi Camera
    P2 SSH         Enable/Disable remote command line access to your Pi using SSH
    P3 VNC         Enable/Disable graphical remote access to your Pi using RealVNC
    P4 SPI         Enable/Disable automatic loading of SPI kernel module
    P5 I2C         Enable/Disable automatic loading of I2C kernel module
    P6 Serial      Enable/Disable shell and kernel messages on the serial connection
    P7 1-Wire      Enable/Disable one-wire interface
    P8 Remote GPIO Enable/Disable remote access to GPIO pins


                    <Select>                              <Back>
```

2.Install Adafruit-SSD1306 library

Adafruit-SSD1306 is a Python OLED library that can be used for screens controlled by 128×64 and 128×32 pixel SSD1306 chips.

Input following command to install it.

sudo python -m pip install --upgrade pip setuptools wheel

Input following command to install it.

sudo pip install Adafruit-SSD1306

Note: After testing the fan control and RGB light control procedures in 3B/3B+, the official mirror control for 2019 is abnormal.

If you are a 3B/3B+ user, It is recommended that use the latest official image to configure.