

**Note: Before this experiment, you must configure the environment and install the sound card driver according to the previous section course.
Or directly use the image file provided by us.**

Function Description:

Function: Turn on the RGB light on the voice module, and switch red light -> green light -> white light respectively.

2. Operation method

Please open SPI before execution this program, the specific steps are as follows:

Input command:

```
sudo raspi-config
```

Select "Interfacing Options" -> "SPI" -> "Yes" -> "OK" -> "Finish".

After configuration, you can execute the following command line to run the led example.

We need to remote transfer Copy 2Mic_RGB.zip to the /home/pi directory on the Raspberry Pi system.

Input following command:

```
cd /home/pi
```

```
unzip 2Mic_RGB.zip
```

```
cd 2Mic_RGB
```

source ~/env/bin/activate Activate the virtual environment, please ignore if it has already been activated

Input following command:

```
python demo1.py
```

You can see the lighting effects.

Exit this program: **Ctrl+C**