

Reference program

1. Copy the following program code into MaixPy IDE.

```
from Maix import MIC_ARRAY as mic  
import lcd
```

```
lcd.init()
```

```
mic.init()
```

```
while True:
```

```
    imga = mic.get_map()
```

```
    b = mic.get_dir(imga)
```

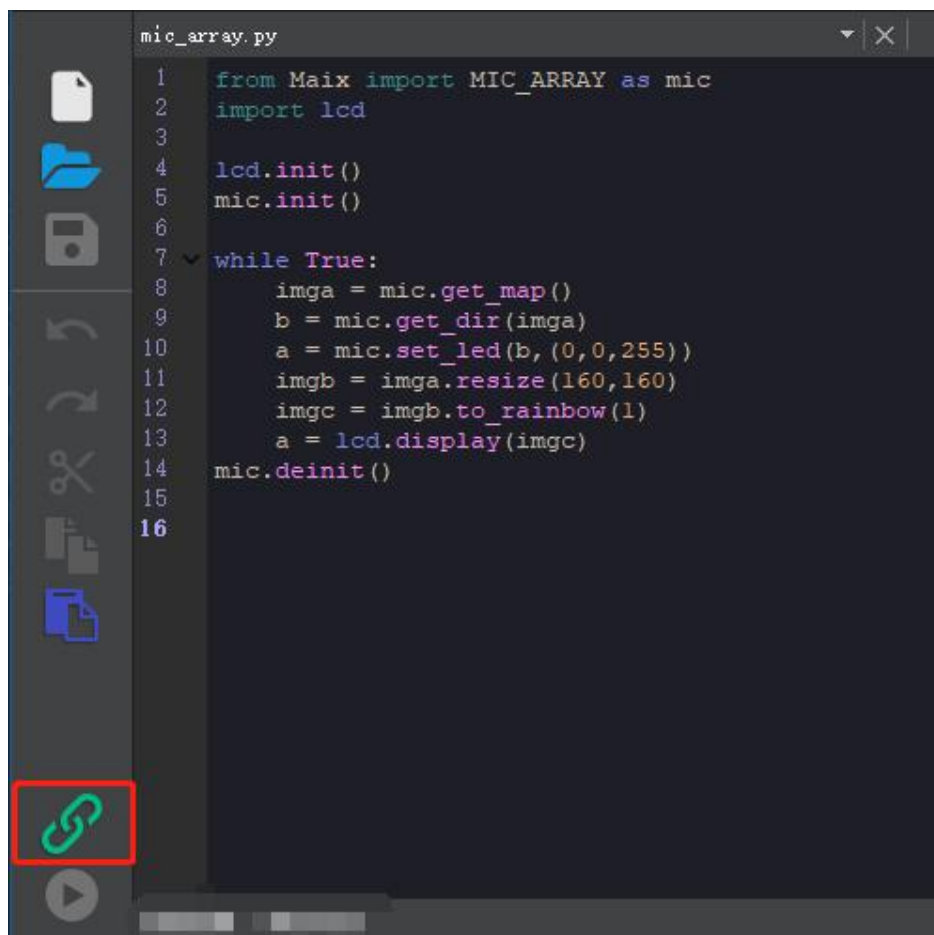
```
    a = mic.set_led(b,(0,0,255))
```

```
    imgb = imga.resize(160,160)
```

```
    imgc = imgb.to_rainbow(1)
```

```
    a = lcd.display(imgc)
```

```
mic.deinit()
```



2. Click the connect button in the figure above, connect the development board to the computer, and then click the run button. If you want to run this program automatically after booting, you need

to save the program to the boot.py of the development board.

