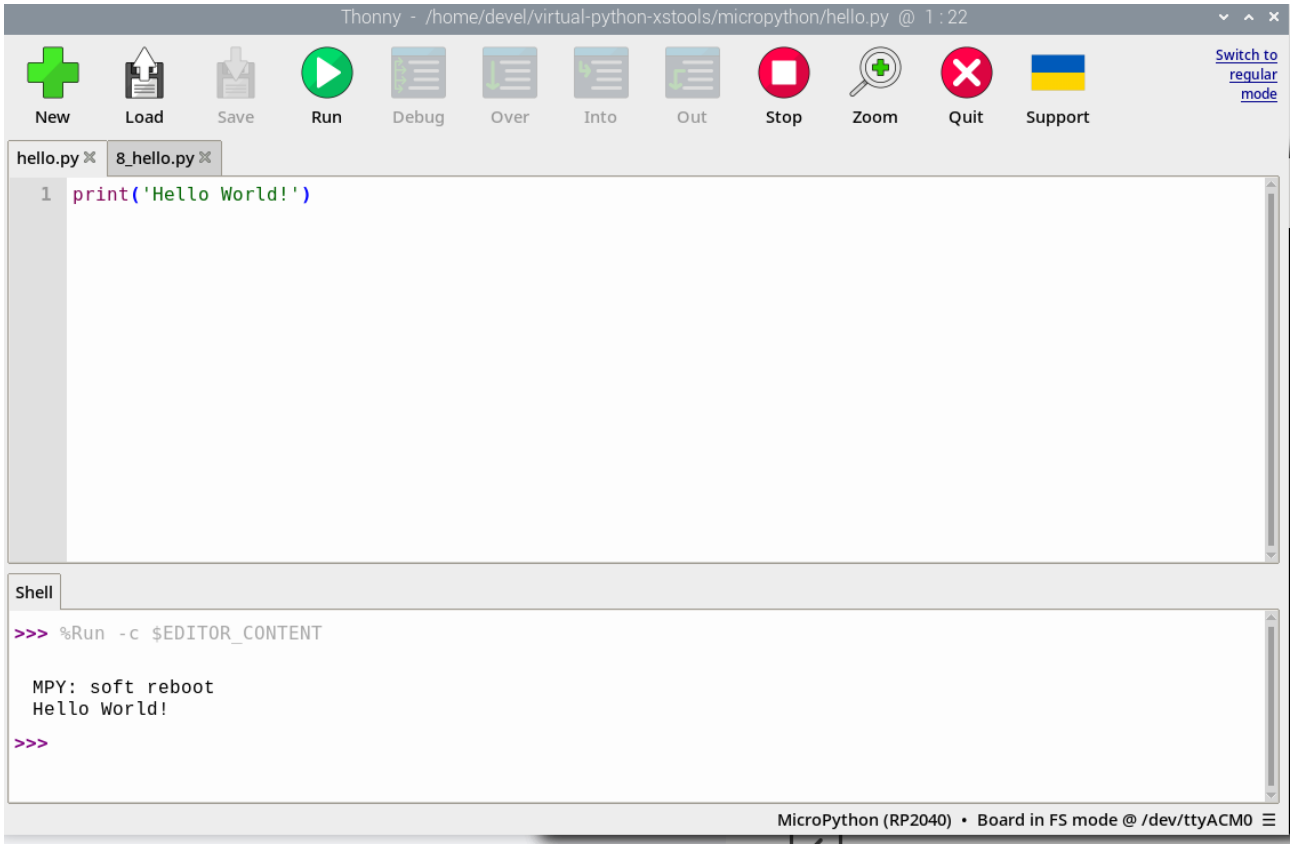
**********Default**********

MicroPython Pico
11/09/24

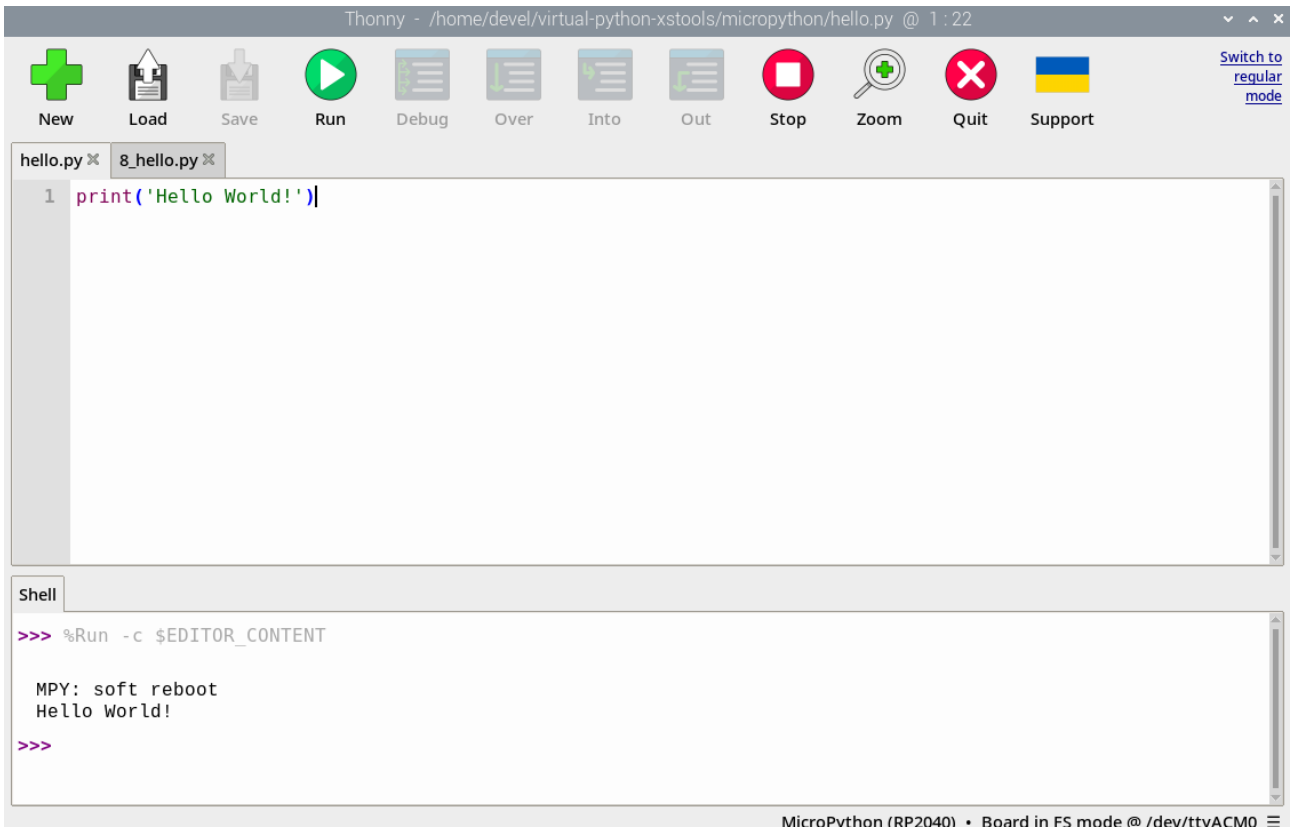
**********Default**********

Copied **“RPI_PICO-20241025-v1.24.0.uf2”** to Raspberry Pico.

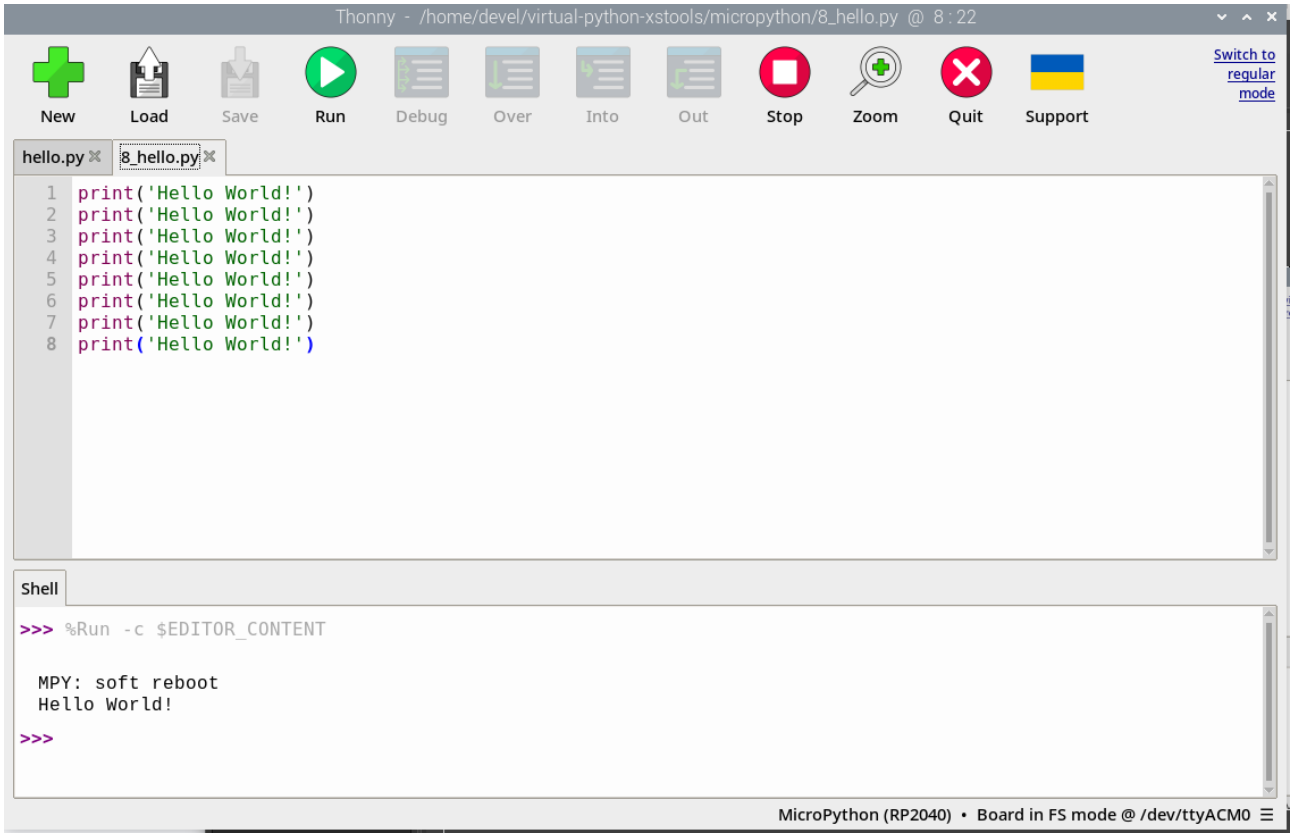
Created first MicroPython program hello.py



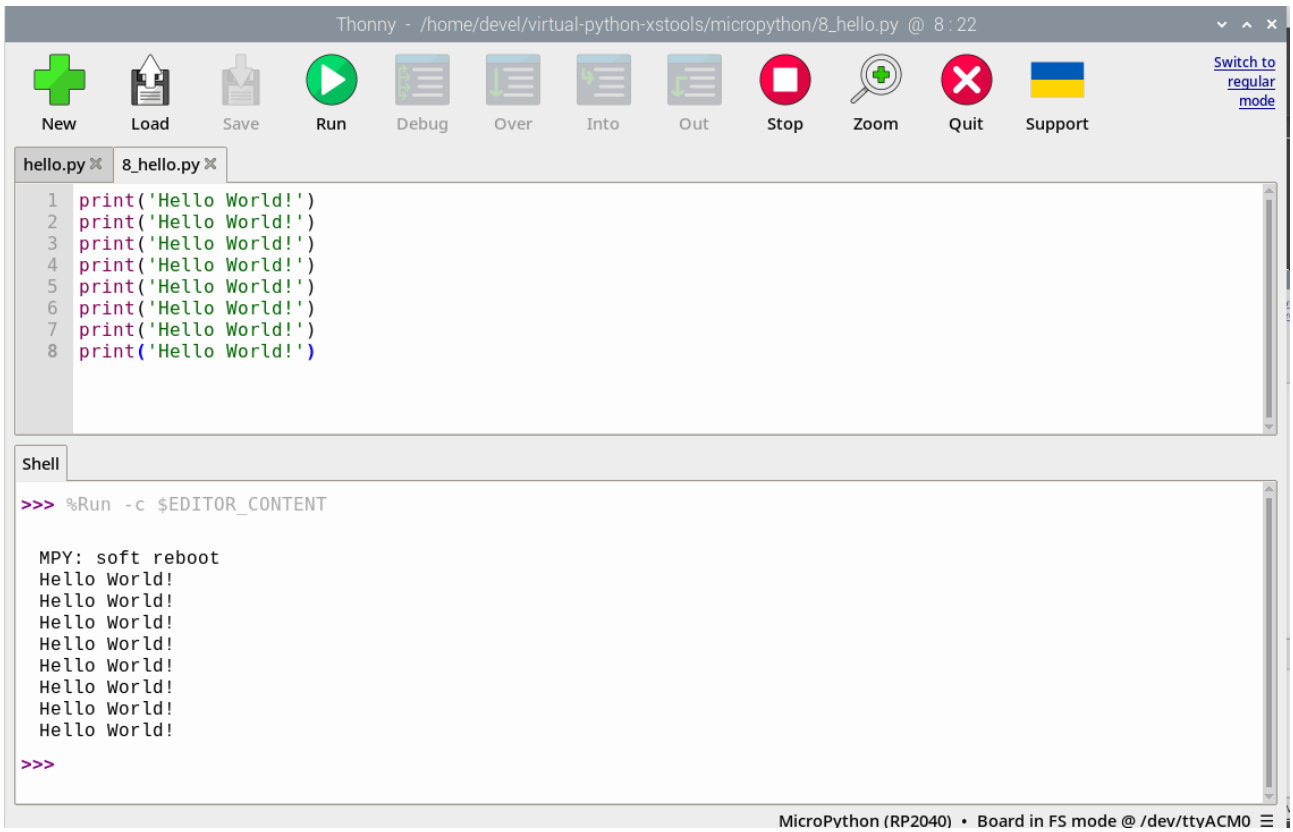
Running MicroPython program hello.py



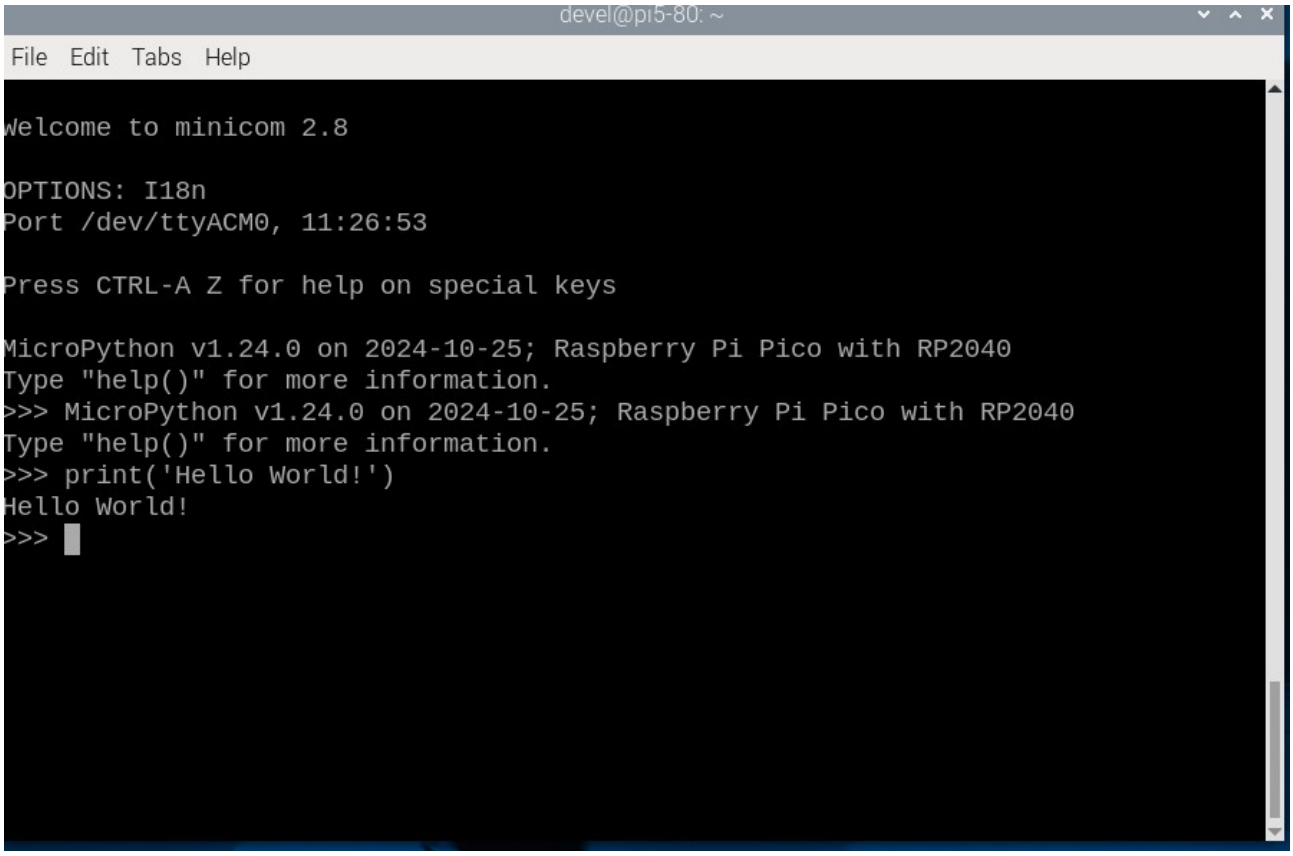
Modified MicroPython program hello.py 8_hello.py.



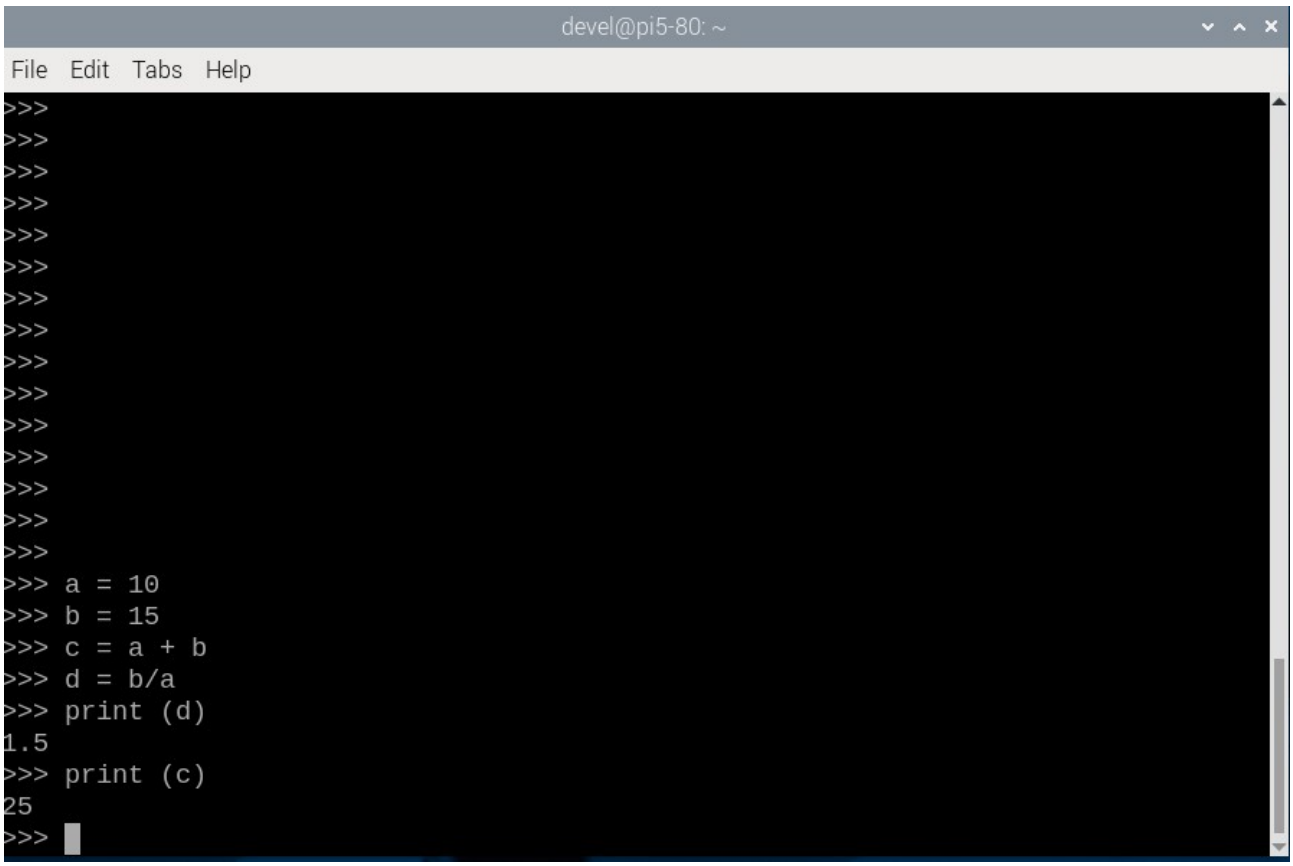
Running MicroPython 8_hello.py



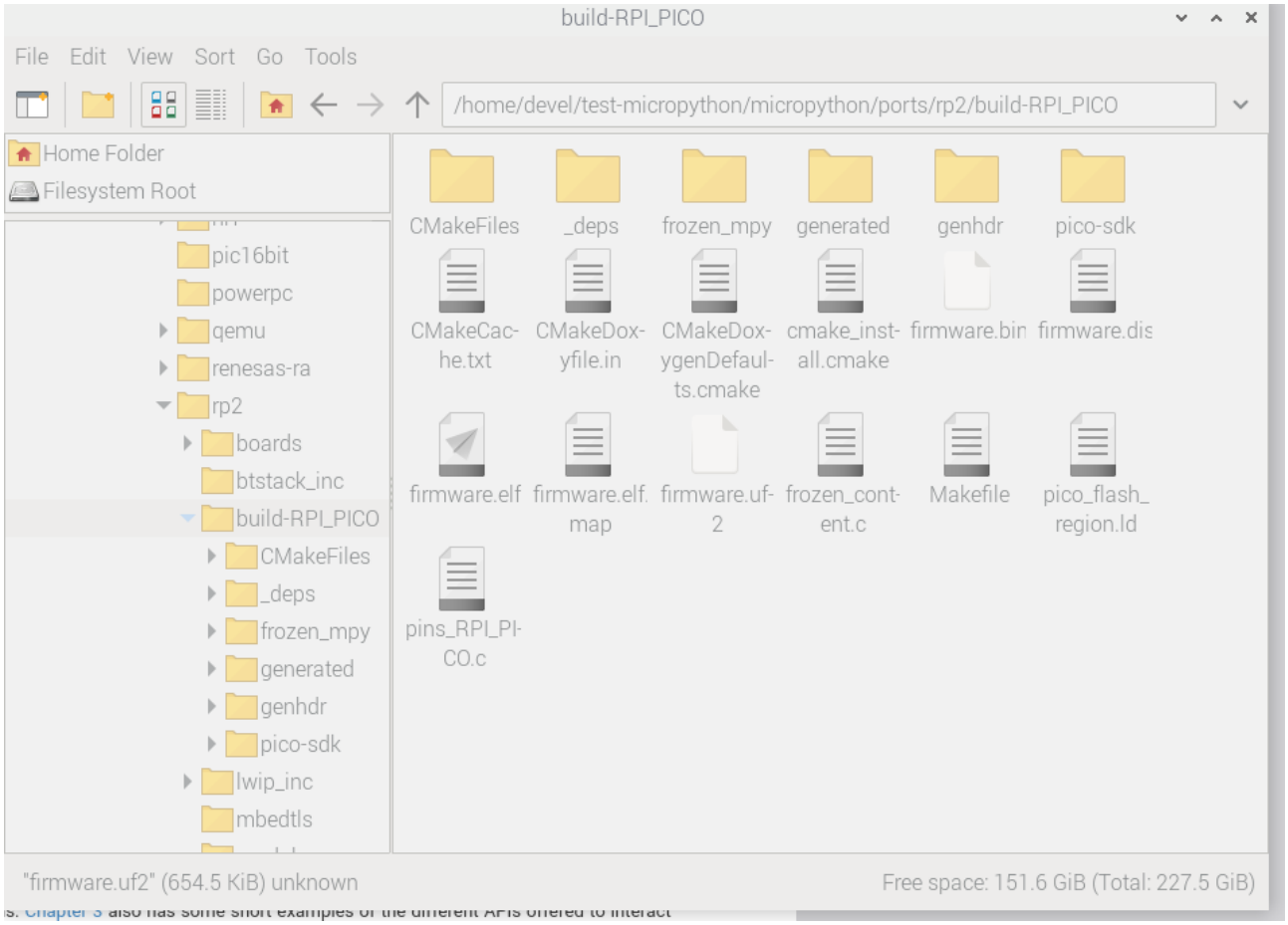
Up to now no imports required.



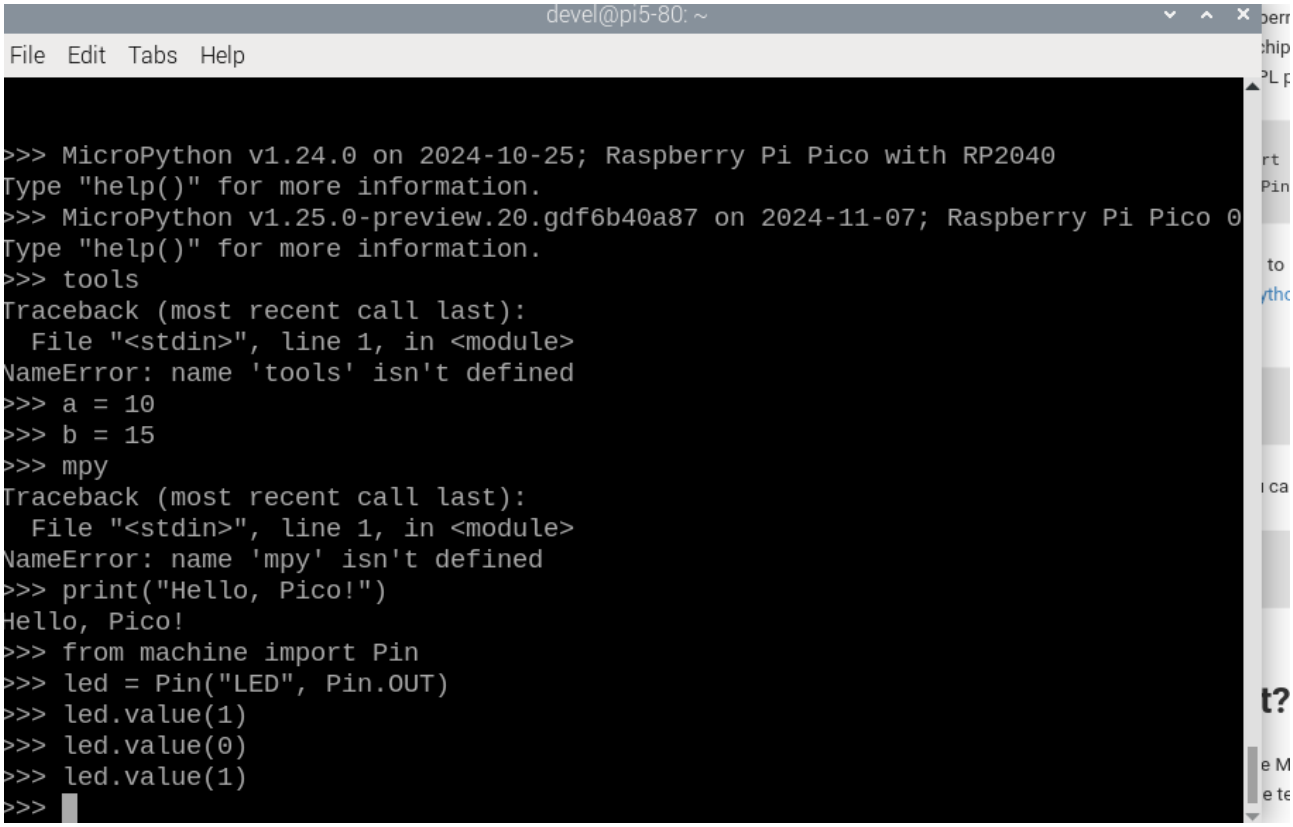
Testing using minicom



MicroPython variables and simple math.



Built firmware

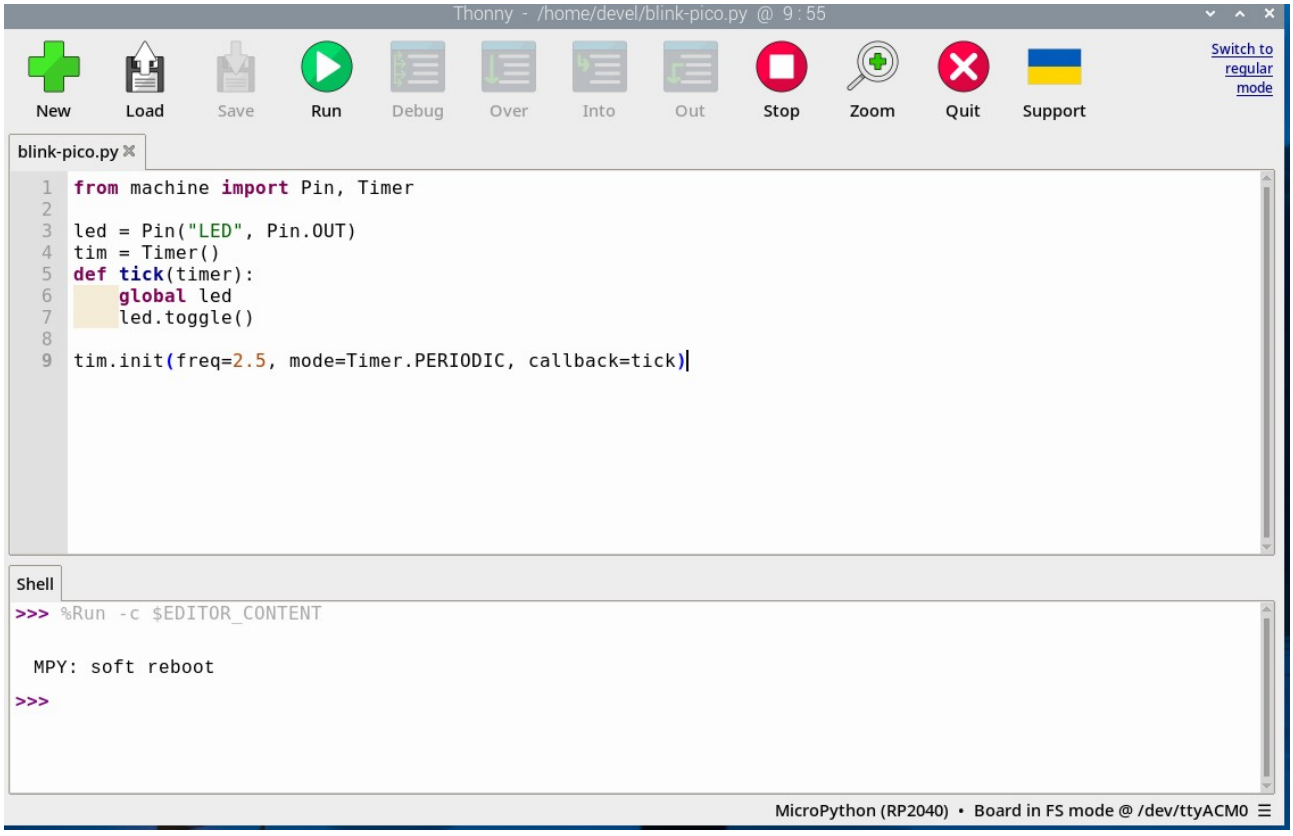


Led on pico on/off

Need to learn about RPEL
A REPL, or Read-Eval-Print Loop, is :

```
devel@pi5-80: ~
File  Edit  Tabs  Help

Welcome to minicom 2.8

OPTIONS: I18n
Port /dev/ttyACM0, 18:16:37

Press CTRL-A Z for help on special keys

MicroPython v1.25.0-preview.20.gdf6b40a87 on 2024-11-07; Raspberry Pi Pico with0
Type "help()" for more information.
>>>
>>> from machine import Pin, Timer
>>> led = Pin("LED", Pin.OUT)
>>> tim = Timer()
>>> def tick(timer):
...     global led
...     led.toggle()
...
>>> tim.init(freq=2.5, mode=Timer.PERIODIC, callback=tick)
>>>
```

Now the led blinks



Thonny now controls pico.