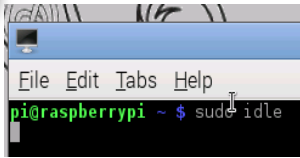


# RUNNING PYTHON

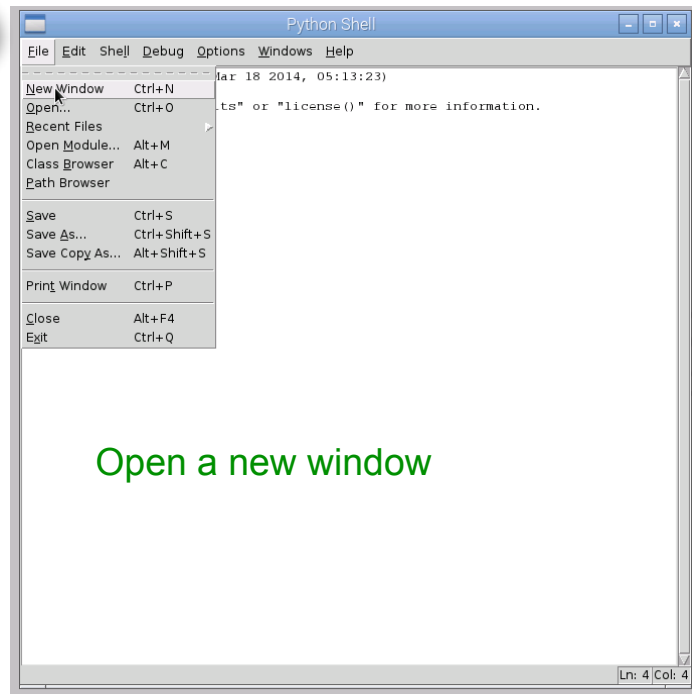
1



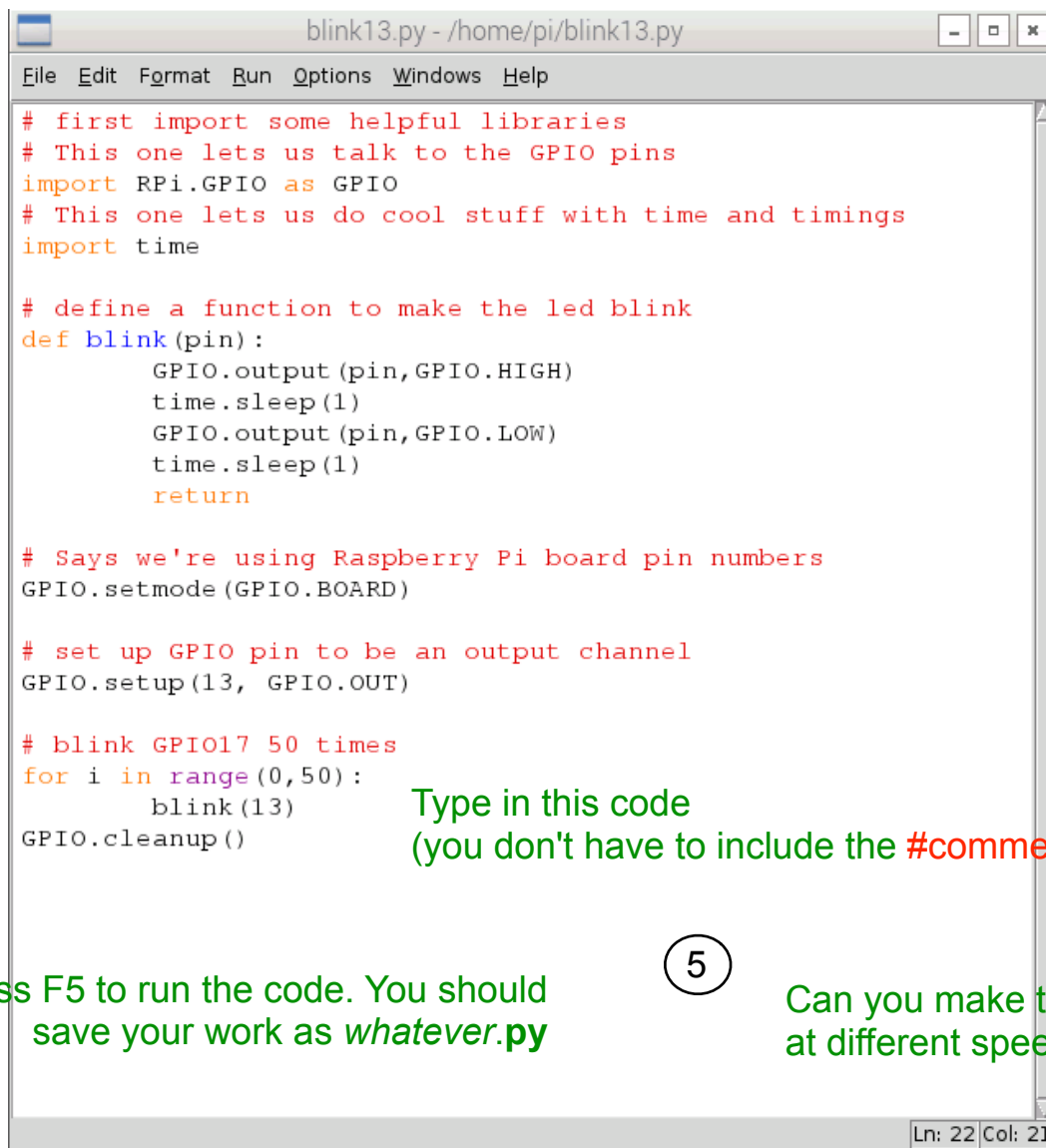
```
pi@raspberrypi ~ $ sudo idle
```

Run sudo idle

2



3



```
blink13.py - /home/pi/blink13.py
File Edit Format Run Options Windows Help

# first import some helpful libraries
# This one lets us talk to the GPIO pins
import RPi.GPIO as GPIO
# This one lets us do cool stuff with time and timings
import time

# define a function to make the led blink
def blink(pin):
    GPIO.output(pin, GPIO.HIGH)
    time.sleep(1)
    GPIO.output(pin, GPIO.LOW)
    time.sleep(1)
    return

# Says we're using Raspberry Pi board pin numbers
GPIO.setmode(GPIO.BOARD)

# set up GPIO pin to be an output channel
GPIO.setup(13, GPIO.OUT)

# blink GPIO17 50 times
for i in range(0,50):
    blink(13)
GPIO.cleanup()
```

Type in this code  
(you don't have to include the #comments in red)

Ln: 22 Col: 21

4

Press F5 to run the code. You should save your work as *whatever.py*

5

Can you make the led blink at different speeds?

