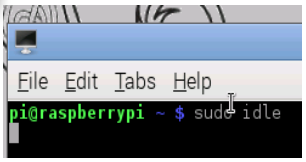
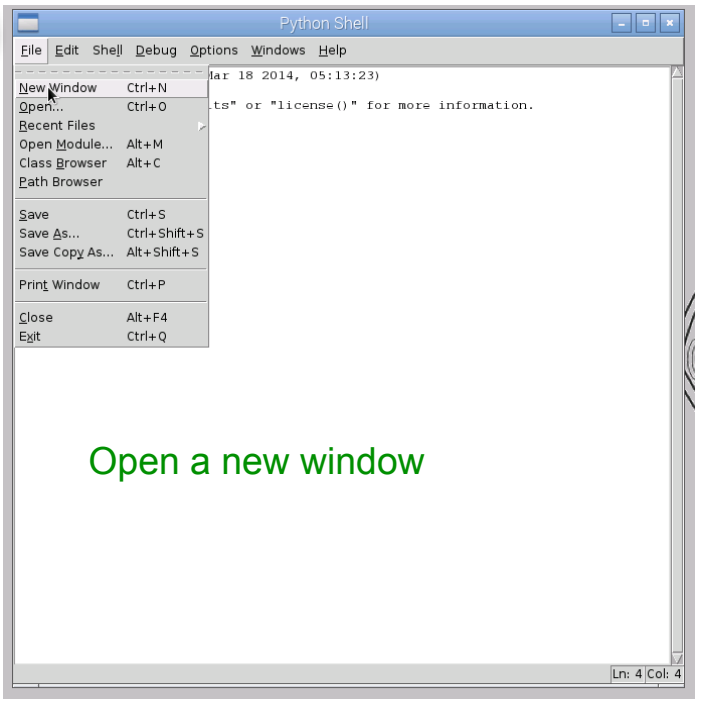
RUNNING PYTHON

1



Run sudo idle

2



Open a new window

3

blink13.py - /home/pi/blink13.py

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```
# 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()
```

Ln: 22 Col: 21

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

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?

CC BY SA