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import RPi.GPIO as GPIO
import time
import picamera

# this will turn on a lights, take pic and save to desktop

def lights_on():
    GPIO.output(LEDa,GPIO.HIGH)
    time.sleep(.2)
    GPIO.output(LEDb,GPIO.HIGH)
    time.sleep(.2)
    GPIO.output(LEDc,GPIO.HIGH)
    time.sleep(.1)

def lights_off():
    GPIO.output(LEDc,GPIO.LOW)
    time.sleep(.2)
    GPIO.output(LEDb,GPIO.LOW)
    time.sleep(.2)
    GPIO.output(LEDa,GPIO.LOW)
    time.sleep(.1)

def run_lights():
    count = 4
    while count >= 0:
        lights_on()
        lights_off()
        count = count - 1
    count = 3
    while count >= 0:
        all_lights()
        count = count - 1

def all_lights():
    time.sleep(1)
    GPIO.output(LEDa,GPIO.HIGH)
    GPIO.output(LEDb,GPIO.HIGH)
    GPIO.output(LEDc,GPIO.HIGH)
    time.sleep(1)
    GPIO.output(LEDa,GPIO.LOW)
    GPIO.output(LEDb,GPIO.LOW)
    GPIO.output(LEDc,GPIO.LOW)
```

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# pin variables
LEDA=18
LEDB=23
LEDC=24

# stop warnings coming to the console
GPIO.setwarnings(False)

# set mode to BCM board
GPIO.setmode(GPIO.BCM)
GPIO.setup(LEDA,GPIO.OUT)
GPIO.setmode(GPIO.BCM)
GPIO.setup(LEDB,GPIO.OUT)
GPIO.setmode(GPIO.BCM)
GPIO.setup(LEDC,GPIO.OUT)

print("Get Ready")
print("You will see series of lights turn on and then off")
print("Then your amazing photo will magically be taken")
run_lights()

print("just a moment...")
print("taking a picture!")
# take picture - save to desktop
with picamera.PiCamera() as camera:
    camera.start_preview(alpha=192)
    time.sleep(3)
    camera.capture('/home/pi/Desktop/pic_one.jpg')
    camera.stop_preview()
print("All done -check the final image on the desktop")
print("One more run of the lights to finish up, because why not?")
run_lights()
```