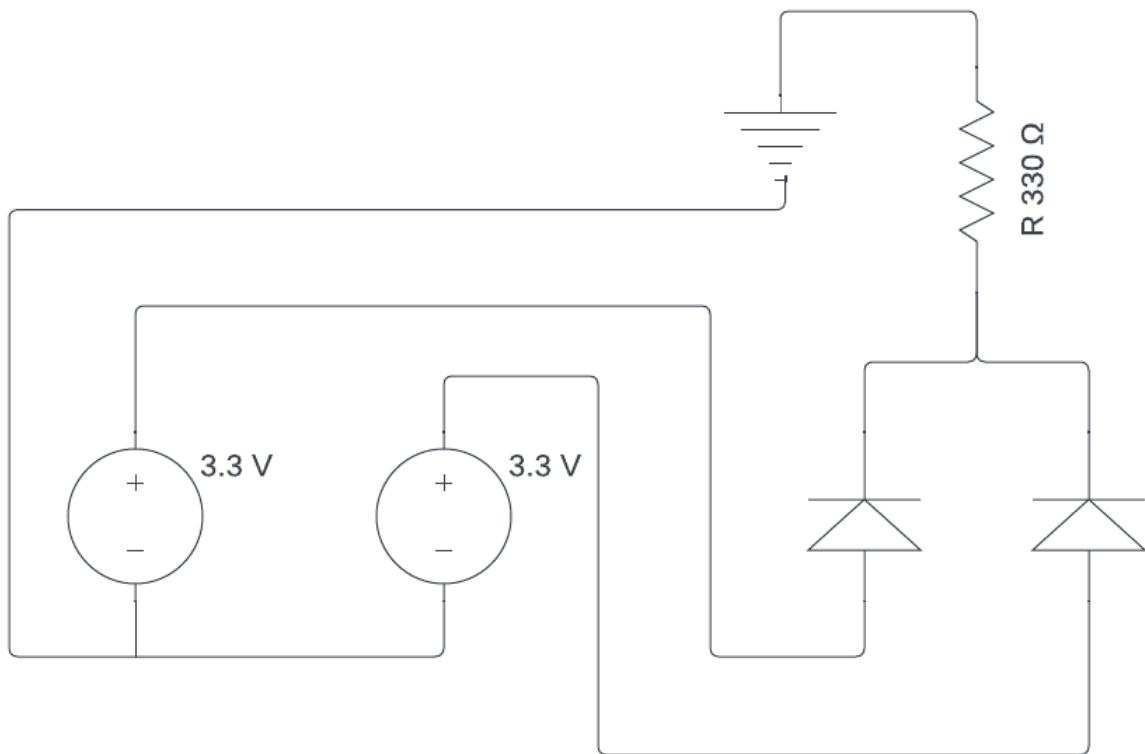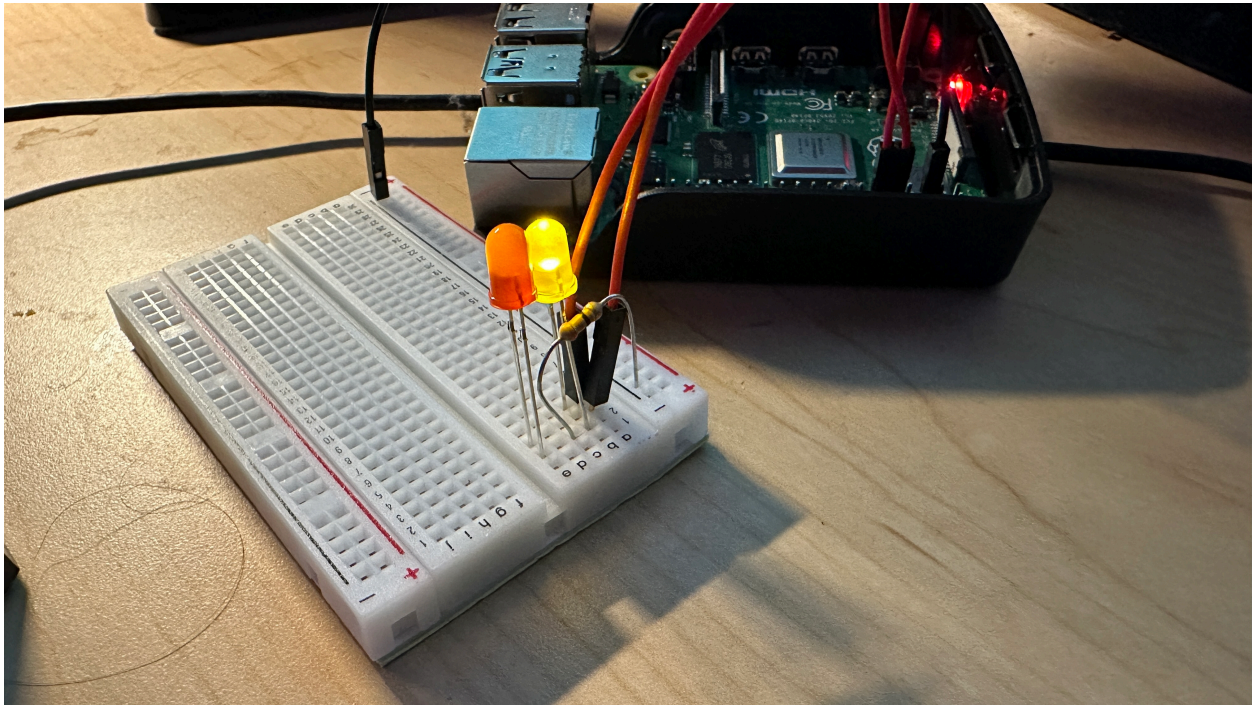Aaron Perkel
CS2210
10/06/23
Lab 04

```python
import RPi.GPIO as GPIO
import time

rPIN = 18
yPIN = 15

GPIO.setmode(GPIO.BCM)
GPIO.setwarnings(False)
GPIO.setup(rPIN, GPIO.OUT)
GPIO.setup(yPIN, GPIO.OUT)


def blink(t, pin1, pin2):
    cycle = 0
    while cycle < 20:
        GPIO.output(pin1, GPIO.HIGH)
        GPIO.output(pin2, GPIO.LOW)
        time.sleep(t)
        GPIO.output(pin1, GPIO.LOW)
        GPIO.output(pin2, GPIO.HIGH)
        time.sleep(t)
        cycle += 1


blink(2, rPIN, yPIN)
```

Assignment

Due October 12 at 11:59 PM

Available on Oct 6, 2023 10:30 AM. **Hidden before availability starts.**

Available until Oct 13, 2023 11:59 PM. **Submission restricted after availability ends.**

5. Write a Python program that makes the red LED blink. Design your program using a function that accepts two parameters, one being the time (in seconds), the other the GPIO pin number. Call the function in a loop. It should be ON for two seconds and then OFF for