Assignment - 3

Assignment Date	09 October 2022
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Write python code for blinking LED and Traffic lights for Raspberry pi.

```
import RPi.GPI0 as GPI0
import time
GPI0.setmode(GPI0.BOARD)
GPI0.setup(7,GPI0.OUT)
GPI0.setup(11,GPI0.OUT)
GPIO.setup(13,GPI0.OUT)
GPI0.setup(15,GPI0.IN,pull_up_down_=GPI0.UP)
def turn_on(pin,seconds):
  GPI0.output(pin.GPI0.HIGH)
  time.sleep(seconds)
def turn_off(pin,seconds):
  GPI0.output(pin.GPI0.LOW)
  time.sleep(seconds)
try:
  while True:
    button_state=GPI0.input(15)
    if button_state==True:
      turn_on(13,2)
      turn_off(13,.1)
      turn_on(7,4)
      turn_off(7,.1)
      turn_on(11,1)
      turn_off(11,.1)
    else:
       if button_state==False:
         GPI0.output(7,GPI0.LOW)
         GPI0.output(11,GPI0.LOW)
         GPI0.output(13,GPI0.LOW)
         time.sleep(.1)
except KeywordInterrupt:
  GPI0.cleanup()
  print("TRAFFIC LIGHT SEQUENCE DONE")
```