

Assignment – 3

Write a python code for blinking LED and Traffic lights for Raspberry pi

```
from gpiozero import Button, LED
button = Button(21) led = LED(25)
/*while True:
button.wait_for_press()
led.on()
button.wait_for_release()
led.off()*/ while True:
led.blink()
button.wait_for_press()
led.off()
button.wait_for_release()
//#
from gpiozero import Button, TrafficLights
lights = TrafficLights(25, 8, 7)
while True:
button.wait_for_press()
lights.on()
button.wait_for_release()
lights.off()
```

```
while True:
    lights.blink()
    button.wait_for_press()
    lights.off()
    button.wait_for_release()
import time
sleep /* while
True:
    lights.green.on()
    sleep(1)
    lights.amber.on(
) sleep(1)
    lights.red.on()
    sleep(1)
    lights.off() */
while True:
    button.wait_for_press()
    lights.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1) lights.off()
```