1. **# Blinking LED**
2. **import** RPi.GPIO **as** GPIO
3. **from** *time* **import** sleep
5. GPIO.setwarnings(**False**)
6. GPIO.setmode(GPIO.BOARD)
7. GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)
8. While True:
9. GPIO.output(8, GPIO.HIGH)
10. sleep(1)
11. GPIO.output(8, GPIO.LOW)
12. sleep(1)

Traffic Light

1. import RPi . GPIO as GPIO
2. import time
3. GPIO . setup( GPIO . BOARD )
4. GPIO . setup(7 , GPIO . OUT) #Green LED
5. GPIO . setup(11 , GPIO . OUT) #Yellow LED
6. GPIO . setup(13 , GPIO . OUT) #Red LED
7. GPIO . setup(15 , GPIO . IN, pull\_ up\_down=GPIO . PUD\_UP) #Button
8. def turn \_on ( pin , seconds ) :
9. GPIO . output ( pin , GPIO .HIGH )
10. Time . sleep ( seconds )
11. def turn\_off ( pin , seconds ) :
12. GPIO . output ( pin , GPIO . LOW )
13. time . sleep ( seconds )
14. Try :
15. While True :
16. button\_state =GPIO . input (15)
17. if button \_ state == True :
18. turn\_on (13,2 )
19. turn\_off (13, . 1 )
20. turn\_on (7 , 4 )
21. turn\_off (7 , . 1 )
22. turn\_on(11 , 1 )
23. turn\_off(11 , . 1 )
24. else :
25. if button \_ state == False :
26. GPIO . output ( 7, GPIO . LOW )
27. GPIO . output ( 11 , GPIO . LOW )
28. GPIO . output ( 13 , GPIO . LOW )
29. time . sleep ( . 1 )
30. except Keyboard Interrupt :
31. GPIO . cleanup ( )
32. print ( “ Traffic Light Sequence Done “ )