

```

1  import RPi.GPIO as GPIO
2  import time
3
4  LedPin = 21      # pin21
5
6  def setup():
7      GPIO.setwarnings(False)
8      #GPIO.setmode(GPIO.BOARD)      # Numbers GPIOs by physical
•   Location
9      GPIO.setmode(GPIO.BCM)        # Numbers GPIOs by Broadcom pin
10     GPIO.setup(LedPin, GPIO.OUT)   # Set LedPin's mode is output
11     GPIO.output(LedPin, GPIO.HIGH) # Set LedPin high(+3.3V) to
•   turn on Led
12
13 def blink():
14     while True:
15         print("LED ON")
16         GPIO.output(LedPin, GPIO.HIGH) # Led on
17         time.sleep(1)
18         print("LED OFF")
19         GPIO.output(LedPin, GPIO.LOW)  # Led off
20         time.sleep(1)
21
22 def destroy():
23     GPIO.output(LedPin, GPIO.LOW)    # Led off
24     GPIO.cleanup()                  # Release resource
25
26 if __name__ == '__main__':        # Program start from here
27     setup()
28     try:
29         blink()
30     except KeyboardInterrupt:
31         # When 'Ctrl+C' is pressed, the child program destroy() will
•   be executed.
32         destroy()
33

```