

```
# Python code for LED blinking using RASPBERRY Pi

import sys

import time

import RPi.GPIO as GPIO      #importing GPIO library

LED_PIN = 17

GPIO.setmode(GPIO.BCM)

GPIO.setup(LED_PIN, GPIO.OUT)

while True:

    GPIO.output(LED_PIN, GPIO.HIGH) #turning ON LED

    time.sleep(0.5)                #waiting for 0.5 seconds

    GPIO.output(LED_PIN, GPIO.LOW) #turning OFF LED

    time.sleep(0.5)                #waiting for 0.5 seconds

GPIO.cleanup()
```