Code:

```Python
nano LED.py

import RPi.GPIO as GPIO

import time

GPIO.setmode(GPIO.BCM)

GPIO.setwarnings(False)

GPIO.setup(18,GPIO.OUT)

print "LED on"

GPIO.output(18,GPIO.HIGH)

time.sleep(1)

print "LED off"

GPIO.output(18,GPIO.LOW)

sudo python LED.py
```

- What is the purpose of breadboard?

  It is an easy way to test electronic circuits without a permanent solution.

- Does the LED orientation matter (cathode & abode)?

  Yes, cathode must be attached to the ground and anode must be attached to power.

- Why do you put a resistor in your circuit?

  You put a resistor in your circuit because the LED can only handle 3V or less.

- How will a resistor with greater resistance affect the light?

  A resistor with greater resistance will dim the light.