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Embedded Linux
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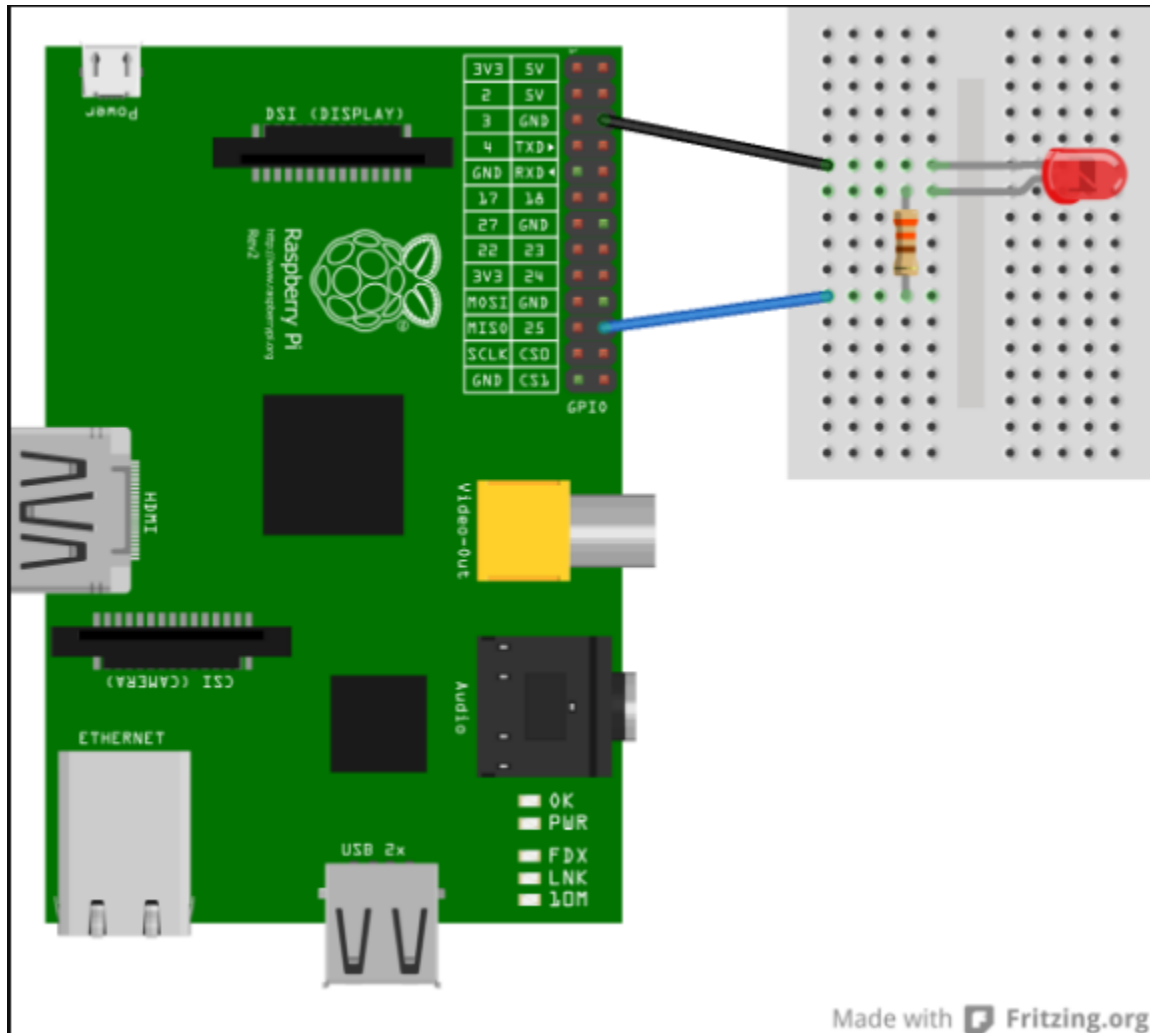


Figure 1: Wiring Diagram

```
1  import RPi.GPIO as GPIO
2  import time
3
4
5  GPIO.setmode(GPIO.BCM)
6  GPIO.setup(18,GPIO.OUT)
7
8  def Blink():
9
10     for i in range(0,3):
11         print "blink number" + str(i + 1)
12         GPIO.output(18,True)
13         time.sleep(0.1)
14         GPIO.output(18,False)
15         time.sleep(0.1)
16     time.sleep(1)
17
18     for i in range(0,4):
19         print "blink number" + str(i + 1)
20         GPIO.output(18,True)
21         time.sleep(0.1)
22         GPIO.output(18,False)
23         time.sleep(0.1)
24     time.sleep(1)
25
26  while True:
27
28     Blink()
29
30  print "done"
31  GPIO.cleanup()
```

Figure 2: Python code



Figure 3: Set up