CODE:

```
import time import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD) GPIO.setup(36,GPIO.IN)
GPIO.setup(40,GPIO.OUT)
 GPIO.setup(37,GPIO.OUT)
 GPIO.setwarnings(False)
while True: n=GPIO.input(36)
 if(n==0):
 print("OBJECT DETECTED...")
GPIO.output(40,GPIO.HIGH)
GPIO.output(37,GPIO.LOW)
time.sleep(0.5)
 elif(n==1):
 print("OBJECT NOT DETECTED...")
time.sleep(0.5)
 GPIO.output(40,GPIO.LOW)
GPIO.output(37,GPIO.HIGH)
```

OUTPUT: