The Code

Singing Jelly Baby

This example uses Shell Script:

```bash
#!/bin/bash

sudo amixer cset numid=3 1
gpio mode 8 up

while :
do
  if [ 'gpio read 8' = 0 ]
  then
    echo "time to sing!"
    aplay police.wav &
  fi

  echo "time to sleep..."
  sleep 1
done
```

Traffic Lights

This example uses Python:

```python
import time
import RPi.GPIO as GPIO

GPIO.cleanup()
GPIO.setmode(GPIO.BOARD)

GPIO.setup(3,GPIO.OUT)
GPIO.setup(5,GPIO.OUT)
GPIO.setup(7,GPIO.OUT)

while True:
  GPIO.output(5,GPIO.LOW)
  GPIO.output(3,GPIO.HIGH)
  time.sleep(2)

  GPIO.output(5,GPIO.HIGH)
  time.sleep(2)

  GPIO.output(5,GPIO.LOW)
  GPIO.output(3,GPIO.LOW)
  GPIO.output(7,GPIO.HIGH)
  time.sleep(2)

  GPIO.output(7,GPIO.LOW)
  GPIO.output(5,GPIO.HIGH)
  time.sleep(2)
```