#!/usr/bin/python

import RPi.GPIO as GPIO

import time

import os

import subprocess

GPIO.setmode(GPIO.BCM)

# GPIO 21 set up as input. It is pulled up to stop false signals

GPIO.setup(21, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

# init list with pin numbers

pinList = [5, 6, 13, 16, 19, 20, 26]

# loop through pins and set mode and state to 'low'

for h in pinList:

GPIO.setup(h, GPIO.OUT)

GPIO.output(h, GPIO.HIGH)

# time to sleep between operations

SleepTimeL = 2

# main loop

# gpio 13 to turn switch light on

GPIO.output(13, 1)

try:

for i in range(1, 100, +1): # loop counter

# gpio 13 to turn switch light on

GPIO.output(13, 1)

GPIO.wait\_for\_edge(21, GPIO.FALLING)

print "\nFalling edge detected. Now your program can continue with pushing pinochios nose out."

# gpio 13 to turn switch light off

GPIO.output(13, 0)

# gpio 5 to push out pinochios nose

GPIO.output(5, 0)

print "pinochios nose"

time.sleep(1)

GPIO.output(5, 1)

# gpio 13 to turn switch light on

GPIO.output(13, 1)

GPIO.wait\_for\_edge(21, GPIO.FALLING)

print "\nFalling edge detected. Now your program can continue with turning fionias head."

# gpio 13 to turn switch light off

GPIO.output(13, 0)

# gpio 6 to turn fionias head

GPIO.output(6, 0)

print "fionas head"

time.sleep(1)

GPIO.output(6, 1)

# gpio 13 to turn switch light on

GPIO.output(13, 1)

GPIO.wait\_for\_edge(21, GPIO.FALLING)

print "\nFalling edge detected. Now your program can continue with shreks fart."

# gpio 13 to turn switch light off

GPIO.output(13, 0)

# gpio 20 shreks fart

GPIO.output(20, 0)

print "shreks fart"

time.sleep(1);

GPIO.output(20, 1)

# gpio 13 to turn switch light on

GPIO.output(13, 1)

GPIO.wait\_for\_edge(21, GPIO.FALLING)

print "\nFalling edge detected. Now your program can continue with donkey flying"

# gpio 13 to turn switch light off

GPIO.output(13, 0)

# gpio 26 flying donkey

GPIO.output(26, 0)

print "flying donkey"

time.sleep(1);

GPIO.output(26, 1)

# gpio 13 to turn switch light on

GPIO.output(13, 1)

GPIO.wait\_for\_edge(21, GPIO.FALLING)

print "\nFalling edge detected. Now your program can continue with dragon smoke"

# gpio 13 to turn switch light off

GPIO.output(13, 0)

# gpio 19 dragon smoke

GPIO.output(19, 0)

print "dragon smoke"

time.sleep(1);

GPIO.output(19, 1)

print (i)

# End program cleanly with keyboard

except KeyboardInterrupt:

print " Quit"

# Reset GPIO settings

GPIO.cleanup()