Bookshelf Secret Switch - Digram of High Level Logic

Import
initialize led1, led2, RGB light pin, switch pins

program_state = 'inactive'

if pin5(switch) is pressed and program_state = 'inactive'

yes

No

program_state = 'active'

if program_state = 'active'

No

yes

input_pin5_active = not pin5.value() (input_pin5_active is when the pin5 switch is pressed when program_state = 'active')
input_pin7_active = not pin7.value()

led1 turn on
led2 turn off
RGB light turn off

if pin5 or pin7 is pressed

no

if pin5 and pin7 is pressed

no

yes

led1 and led 2 flashing alternately
RGB light: blink in red

yes

led1 turn off
led2 turn off
RGB light: cycle in blue, green, and yellow