BATCH NO :B11-5A1E

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CHILD SAFETY AND MONITORING AND NOTIFICATION SYSTEM:

CIRCUIT CODE:

```
from gpiozero import Button

button = Button(21)

while True:

    print(button.is_pressed)

while True: if button.is_pressed: print("Hello") else: print("Goodbye")

while True: button.wait_for_press() print("Pressed") button.wait_for_release() print("Released")

from gpiozero import Button,

led = LED(25)

while True: button.wait_for_press() led.on() button.wait_for_release() led.off()

while True:

led.on()

button.wait_for_press()

led.off()

button.wait_for_release()

while True:

led.blink()

button.wait_for_press()

led.off()

button.wait_for_release()
```

```python
from gpiozero import Button,
lights = TrafficLights(25, 8, 7)
while True:
button.wait_for_press()
lights.on()
button.wait_for_release()
lights.off()
while True:
lights.blink()
button.wait_for_press()
lights.off()
button.wait_for_release()
from gpiozero import Button,
buzzer = Buzzer(15)
while True:
lights.on()
buzzer.off()
button.wait_for_press()
lights.off()
buzzer.on()
button.wait_for_release()
while True:
 lights.blink()
buzzer.beep()
button.wait_for_press()
lights.off()
buzzer.off()
button.wait_for_release()
from time import sleep
```

```python
while True:
    lights.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()

while True:
    button.wait_for_press() lights.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
```