

**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()
```

```
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
```

```
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()
```