**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()