Problem statement :

IoT based safety gadget for child safety monitoring and notification.

Domain :

Internet of Things.

Assignment 3 :

Python code for blinking led and traffic lights for raspberry pi

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PROGRAM :

```python
import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

while True:

                GPIO.output(11,True)

                time.sleep(1)

                GPIO.output(11,False)

                time.sleep(1)

from gpiozero import    Button, TrafficLights,   Buzzer

buzzer =Buzzer(15)

button =Button(21)

lights =TrafficLights(25, 8, 7)

while True:

                button.wait_for_press ( )

                buzzer.on ( )

                light.green.on ( )

                sleep (1)

                lights.amber.on ( )

            sleep (1)

            lights.red.on ( )

            sleep (1)
```

```
lights.off ( )

buzzer.off( )
```