- **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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1.LED

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BO
A
RD)
GPIO.setup(8, GPIO.OUT,
initial=GPIO.LOW) value to low (off)
while True:
GPIO.output(8, GPIO.HIGH)
sleep(1)
GPIO.output(8, GPIO.LOW)
sleep(1)
```

2.TRAFFIC LIGHT

```
from gpiozero import Button,TrafficLights,
Buzzer from time import sleep
sound =
Sound(15)
 switch
=Switch(21)
Led = TrafficLed(25, 8, 7)
while True:
button.wait_for_press ()
sound.on()
led.green.on()
sleep(1)
led.amber.on()
sleep(1)
led.red.on()
sleep(1)
led.off()
sound.off()
```