IBM ASSIGNMENT 3

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Program for LED interface with Raspberry pi:

```
from gpiozero import Button, LED

led = LED(25)

button = Button(21)

while True:

button.wait_for_press()

led.on()

print("Pressed")


button.wait_for_release()

led.off()

print("Released")


Program for Traffic lights control:

from gpiozero import Button, TrafficLights, Buzzer

from time import sleep


buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25, 8, 7)
```

```python
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()
```