

ASSIGNMENT – 3

Team ID: PNT2022TMID15932

Team Members:

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Question:

Write Python code for blinking LED and Traffic lights for Raspberry pi.

Code:

```
from gpiozero import LED
import time

red = LED()
yellow = LED()
green = LED()

while True:
    green.off()
    yellow.off()

    red.on()

    print("\033[91m Red Light! ")
    time.sleep(3)
    print("\033[37m Blink!")
    time.sleep(1)

    red.off()
    print("\033[93m Yellow Light! ")
    yellow.on()

    time.sleep(2)
    print("\033[37m Blink!")
    time.sleep(1)

    yellow.off()
    print("\033[92m Green Light! ")
    green.on()

    time.sleep(3)
    print("\033[37m Blink!")
    time.sleep(1)
```