ASSIGNMENT – 3

Write a python code for blinking LED and traffic light for raspberry pi. Only python code is enough, no need to execute in raspberry pi.

CODE:

```python
from RPi.GPIO import GPIO

from time import sleep


GPIO.setmode (GPIO.BOARD)


red=2

yellow=3

green=4


GPIO.setup(red, GPIO.OUT)

GPIO.setup(yellow, GPIO.OUT)

GPIO.setup(green, GPIO.OUT)


while True:

    GPIO.output(red, GPIO.HIGH)

    sleep(5)
```

```
        GPIO.output(red, GPIO.LOW)

        sleep(5)

        GPIO.output(yellow, GPIO.HIGH)

        sleep(3)

        GPIO.output(yellow, GPIO.LOW)

        sleep(3)

        GPIO.output(green, GPIO.HIGH)

        sleep(5)

        GPIO.output(green, GPIO.LOW)

        sleep(5)

GPIO.clearup()
```