ASSIGNMENT-3

1.WRITE PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPERRY PI?

```python
import RPi.GPIO as GPIO

import time import signal

import sys

GPIO.setmode(GPIO.BCM)

GPIO.setup(9, GPIO.OUT)

GPIO.setup(10, GPIO.OUT)

GPIO.setup(11, GPIO.OUT) def

allLightsOff(signal, frame):

    GPIO.output(9, False)

    GPIO.output(10, False)

    GPIO.output(11, False)

GPIO.cleanup()     sys.exit(0)

signal.signal(signal.SIGINT,allLightsOff)
while True:

    # Red

    GPIO.output(9, True)

time.sleep(3)

    GPIO.output(10, True)

time.sleep(1)

    # Green

    GPIO.output(9, False)

    GPIO.output(10, False)
```

```
    GPIO.output(11, True)
time.sleep(5)      #
Yellow
    GPIO.output(11, False)
GPIO.output(10, True)
time.sleep(2)
    GPIO.output(10, False)
```