

ASSIGNMENT – 3

PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY PI.

PYTHON CODE FOR BLINKING LED:

```
From machine import pin
Import utime
Led=pin(28,pin.OUT)
Led.low()
While True:
    Led.toggle()
    Print(" toggle ")
    Utime.sleep(1)
```

PYTHON CODEING FOR TRAFFIC LIGHTS IN RASPBERRY PI:

```
Import machine
Import utime
Import_thread
Led_red=machine.pin(15,machine.pin.OUT)
Led_yellow=machine.pin(14,machine.pin.OUT)
Led_green=machine.pin(13,machine.pin.OUT)
While True:
    Led_red.value(1)
    Utime.sleep(5)
    Led_yellow.value(1)
    Utime.sleep(2)
    Led_red.value(0)
```

Led_yellow.value(0)

Led_green.value(1)

Utime.sleep(5)

Led_green.value(0)

Led_yellow.value(1)

Utime.sleep(5)

Led_yellow.value(0)