Assignment -3

Assignment Date	07 October 2022
Student Name	Sanjai R
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Maximum Marks	2 Marks

Question:

Write python code for blinking LED and traffic lights for raspberry pi.

Blinking LED:

```
import time
import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
while True:
        GPIO.output(11,True)
          time.sleep(1)
        GPIO.output(11,False)
        time.sleep(1)
```

Traffic Lights:

```
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)

while True:

   GPIO.output(9, True)

   time.sleep(3)

   GPIO.output(10, True)

   time.sleep(1)

   GPIO.output(9, False)
```

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