Assignment 3

Python Programming

Assignment Date	8th October 2022
Student name	DEEPAN P
Student Roll Number	73771913112
Maximum Marks	2 Marks

Question:

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

Code:

```
# Loop forever

while True:

 # Red

 GPIO.output(9, True)

 time.sleep(3)

 # Red and amber

 GPIO.output(10, True)

 time.sleep(1)

 # Green

 GPIO.output(9, False)

 GPIO.output(10, False)

 GPIO.output(11, True)

 time.sleep(5)

 # Amber
```

```
GPIO.output(11, False)

GPIO.output(10, True)

time.sleep(2)
# Amber off (red comes on at top of loop)

GPIO.output(10, False)
```