

Assignment 3

Python Programming

Assignment Date	8 th October 2022
Student name	AASHIQ A
Student Roll Number	73771913101
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)
```