

## Assignment 3

### Python Programming

Assignment Date	8 <sup>th</sup> October 2022
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Student Roll Number	611219106021
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)
```