## Assignment -3

## **Python Programming**

Assignment Date	6 October 2022	
Student Name	D.Swetha	
Student Roll Number	912019104030	
Maximum Marks	2 Marks	

#### Question-1:

Write python code for blinking LED and Traffic lights for Raspberry pi.

#### **Solution:**

# For Blinking

**LED** 

```
import RPi.GPIO as GPIO import time

GPIO.setmode(GPIO.BCM)

GPIO.setwarnings(False)

GPIO.setup(18,GPIO.OUT)

print "LED on"

GPIO.output(18,GPIO.HIGH)

time.sleep(1)

print "LED off"

GPIO.output(18,GPIO.LOW)
```

# For Traffic Light

```
from gpiozero import LED
from time import sleep
red = LED(22)
amber = LED(27)
green = LED(17)
red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
```