

## ASSIGNMENT 3

### PYTHON PROGRAMMING

<b>ASSIGNMENT DATE</b>	<b>1 OCTOBER 2022</b>
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<b>MAXIMUM MARKS</b>	<b>2MARKS</b>

#### QUESTION 1

WRITE PYTHON CODE FOR BLINKING LED AND TRFFIC  
LIGHTS FOR **RASPBERRY PI**.

#### SOLUTION:

#### PROGRAM:

```
from gpiozero import Button, Traffic lights, Buzzer
from time import sleep

buzzer = Buzzer(15)
button = Button(21)
lights = Trafficlights(25, 8, 7)

while True:
    button.wait_for_press()
    buzzer.on()
```

**lights.amber.on()**

**sleep(1)**

**lights.red.on()**

**sleep(1)**

**lights.off()**

**buzzer.off()**