

ASSIGNMENT 3

PYTHON PROGRAMMING

ASSIGNMENT DATE	1 OCTOBER 2022
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MAXIMUM MARKS	2MARKS

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()