**Assignment -1**

Python Programming

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| Assignment Date | 07 October 2022 |
| Student Name | Ms. BRUNDHALAKSHMI A |
| Student Roll Number | 621319106010 |
| Maximum Marks | 2 Marks |

**Question:**

Write a python code for blinking LED and Traffic lights for Raspberry Pi.

**PROGRAM:**

from gpiozero import Button, TrafficLights, Buzzer

from time import sleep

buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25, 8, 7)

while True:

button.wait\_to\_press()

buzzer.on()

light.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()

buzzer.off()