**Assignment -3**

Python Programming

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| Assignment Date | 29 sep 2022 |
| Student Name | SHARMILA J |
| Student Roll Number | 111519106143 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write a python code for blinking of an LED and traffic lights for Rasberry pi.Only python code is enough,no need to execute in rasperry pi.

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| **Solution:** |
|  | * LED Interfacing with Raspberry pi:   Code:  from gpiozero import LED  led=LED(17)  led.blink()   * Traffic Light Interfacing :   Code:  from gpiozero import TrafficLights  from time import sleep  lights=TrafficLights(2,3,4)  while True:  lights.green.off()  lights.amber.off()  lights.red.on()  slepp(1)  lights.green.on()  lights.amber.off()  lights.red.off()  slepp(1)  lights.green.off()  lights.amber.on()  lights.red.off()  slepp(1) |
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