**Assignment -3**

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| Assignment Date | 05 october 2022 |
| Student Name | Ms. Karasala Venkata Sai Hasini |
| Student Roll Number | 111519106068 |
| Maximum Marks | 2 Marks |

**QUESTION 1:**

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**WRITE A PYTHON CODE FOR BLINKING LED AND**

**TRAFFIC LIGHTS FOR RASPBERRY PI**

* 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)