**ASSIGNMENT – 3**

**CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASBERRY PI**

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| **Assignment Date** | **9 October 2022** |
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| **Student Roll Number** | **960219106006** |
| **Maximum Marks** | 1. **Marks** |

**QUESTION :**

**1.Write python code for blinking LED and Traffic lights for Raspberry pi**

**SOLUTION :**

From gpiozero import LED

Red = LED(22)

Red.blink()

From gpiozero import LED

Red = LED(22)

Amber = LED(27)

Green = LED(17)

Red.blink(1, 1)

Amber.blink(2, 2)

Green.blink(3, 3)

From gpiozero import LED

From time import sleep

Red = LED(22)

Amber = LED(27)

Green = LED(17)

Red.on()

Sleep(1)

Amber.on()

Sleep(1)

Green.on()

Sleep(1)

Red.on()

Sleep(1)

Amber.on()

Sleep(1)

Green.on()

Sleep(1)

Red.off()

Sleep(1)

Amber.off()

Sleep(1)

Green.off()

While True:

Red.on()

Sleep(1)

Amber.on()

Sleep(1)

Green.on()

Sleep(1)

Red.off()

Sleep(1)

Amber.off()

Sleep(1)

Green.off()