### **ASSIGNMENT 3**

#### **PYTHON PROGRAMMING**

Team ID	PNT2022TMID49939
Assignment Date	06 October 2022
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# **Question1:**

Write a python code for blinking LED using Raspberrry pi.

# **Program Code:**

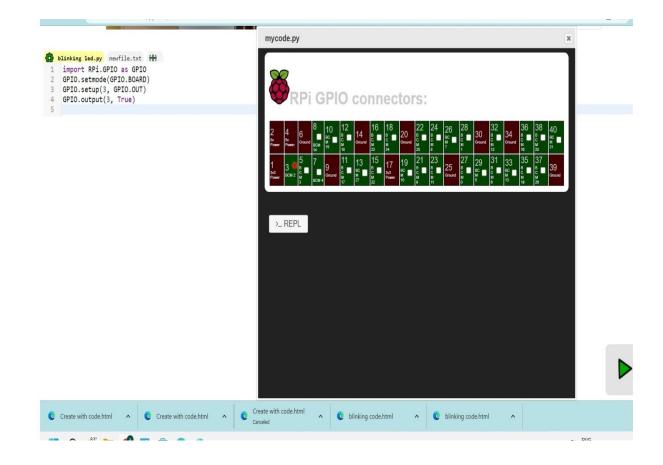
Import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(3,GPIO.OUTPUT

GPIO.output(3, True)

#### **Output:**



# **Question2:**

Write a python code for Traffic Lights using Raspberrry pi.

# **Program Code:**

```
from gpiozero import LED
from time import sleep
green=LED(8)
blue=LED(13)
red=LED(12)
while True:
     green.off()
     red.off()
     blue.off()
     sleep(1)
     green.on()
     sleep(1)
     red.off()
     blue.on()
     sleep(1)
```

#### **Output:**

