ASSIGNMENT 3 PYTHON PROGRAMMING

Team ID	PNT2022TMID49911
Assignment Date	06 October 2022
Student Name	NIKITHA.P
Student Roll Number	950619106015

Question1:

Write a python code for blinking LED using Raspberrry pi.

Program Code:

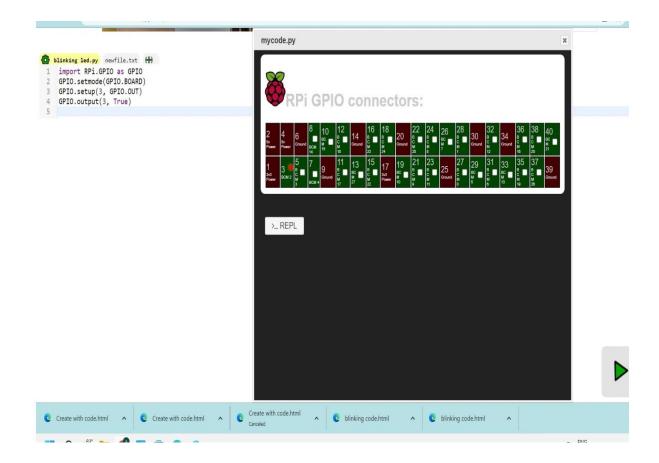
Import RPi.GPIO as GPIO

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:

