Name: Varshni Soundarya R

Register number: 1919103135

College: Sona College of Technology

Date: 30.09.2022

ASSIGNMENT – 3

QUESTION:

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi. Note: you are allowed to use web search and complete the assignment.

SOLUTION:

PROGRAM:

```
import RP1.GPIO as GPIO

from time import sleep

GPIO.setmode (GPIO.BOARD)

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)

while True:

    GPIO.output (8, GPIO.HIGH)

    sleep(1)

    GPIO.output (8, GPIO.LOW)

    sleep(1)
```