

ASSIGNMENT -3

SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

Write a python code for Blinking LED and Traffic lights for Raspberry Pi.

```
GPIO.setmode(GPIO.BOARD) # Use physical pin numbering

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and set initial value to low (off)
while True: # Run forever

    GPIO.output(8, GPIO.HIGH) # Turn on

    sleep(1) # Sleep for 1 second
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library

from time import sleep # Import the sleep function from the time module

GPIO.setwarnings(False) # Ignore warning for now

GPIO.output(8, GPIO.LOW) # Turn off

sleep(1) # Sleep for 1 second
```

OUTPUT

