RAJALAKSHMI INSTITUTE OF TECHNOLOGY

[Department of Electronics & Communication Engineering]

ASSIGNMENT -03

NAME: JOSHIBA M

Write python code for blinking LED and Traffic lights for Raspberry pi

CODE:

```
import RPi.GPIO as GPIO # Importing Raspberry Pi GPIO lib

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

module

GPIO.setwarnings(False) # Ignore warning for now

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

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

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