

KGiSL INSTITUTE OF TECHNOLOGY

ASSIGNMENT -3

NAME : SETHU HARSHINI V

DEPT : ECE

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
```