VSB Engineering College, Karur-639111

Department of Electronics and Communication Engineering

Assignment – 3

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Domain Name : INTERNET OF THINGS

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Topic   : PYTHON CODE FOR BLINKING LED AND
                       TRAFFIC LIGHTS FOR RASPBERRY PI

CODING:

```
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.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 be 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
```