VSBEngineeringCollege,Karur-639111

DepartmentofElectronicsandCommunicationEngineering

Assignment–3

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DomainName: INTERNET OF THINGS

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Topic : PYTHONCODEFORBLINKING LEDANDTRAFFICLIGHTSFORRASPBERRY PI

CODING:

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO
libraryfromtimeimportsleep#Importthesleepfunctionfromthetimem
odule
GPIO.setwarnings(False) # Ignore warning for
nowGPIO.setmode(GPIO.BOARD) # Use physical pin
numberingGPIO.setup(8,GPIO.OUT,initial=GPIO.LOW)#Setpin8t
obeanoutputpinandsetinitial valuetobelow(off)
WhileTrue:#Runforever
GPIO output(8,GPIO.HIGH) # Turn
onSleep(1)#Sleep for 1second
GPIO output(8,GPIO.LOW) # Turn
offSleep(1)#Sleep for 1second
```