

**FRANCIS XAVIER ENGINEERING COLLEGE**

[Department of Computer Science and Engineering]

**NAME:GUROO SUNTAR**

ASSIGNMENT -03

**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
```