

RAJALAKSHMI INSTITUTE OF TECHNOLOGY
[Electronics & Communication Engineering]

ASSIGNMENT -03

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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
```