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BLINKNG LED USING PYTHON IN RASPBERRY PI 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 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

TRAFFIC LIGHT USING PYTHON IN RASPBERRY PI import RPI.GPIO as GPIO import time

try: def light Traffic(led1, led2, led3, delay): GPIO.output(led1, 1) time.sleep(delay)

GPIO.output(led1, 0) GPIO.output(led2, 1) time.sleep(delay)

GPIO.output(led2, 0) GPIO.output(led3, 1) time.sleep(delay)

GPIO.output(led3, 0)

GPIO.setmode(GPIO.BCM) button = 19

GPIO.setup(button,GPIO.IN,pull\_up\_down=GPIO.PUD\_UP) ledGreen = 16 ledYellow = 12