CAPE INSTITUTE OF TECHNOLOGY

LEVINGIPURAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM NALAIYA THIRAN

ASSIGNMENT-3

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PERIYA NAYAKI V

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BLINKING LEO AND TRAFFIC LIGHTS

CODING:

import RPi.GPIO as GPIO

from time import sleep

GPIO.setmode(GPIO.BOARD)

red=7

yellow=8

green=25

GPIO.setup(red, GPIO.OUT)

GPIO.setup(yellow, GPIO.OUT)

GPIO.setup(green, GPIO.OUT)

while True:

GPIO.output(red, True)

print("RED - ON")

sleep(5)

GPIO.output(red,False)

GPIO.output(yellow, True)

print("YELLOW - ON")

sleep(1)

GPIO.output(yellow,False)

GPIO.output(green, True)

print("GREEN - ON")

sleep(3)

GPIO.output(green,False)

GPIO.cleanup()

Footer