MUTHAYAMMAL ENGINEERING COLLEGE

Assignment 3

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LED BLINKING CODE

import RPi.GPIO as GP from time import sleep

GP.setwarnings(False)

GP.setmode(GP.BOARD)

GP.setup(8,GP.OUT,initial=GP.LOW)

while True: #infinite loop

GP.output(8, GPIO.HIGH) # Turn on

print("The LED is ON")

sleep(2) # Sleep for 2 second

GP.output(8, GPIO.LOW) # Turn off

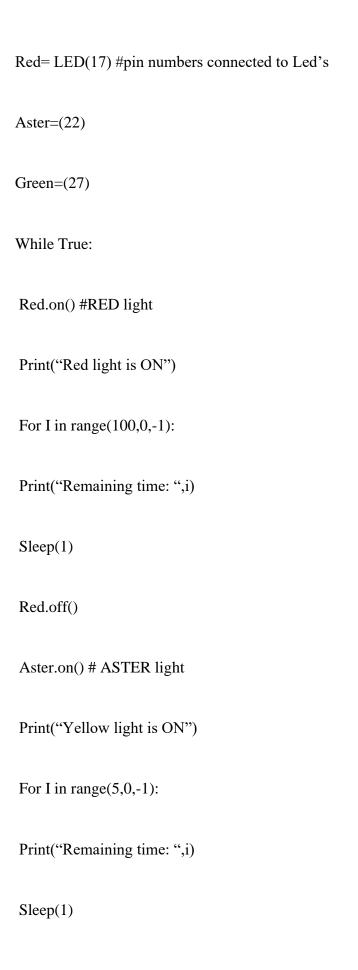
print("The LED is OFF")

sleep(2) # Sleep for 2 second

TRAFFIC LIGHT RASBERRY PYTHON CODE

From gpiozero import LED

From time import sleep



Aster.off()
Green.on #GREEN light
Print("Green light is ON")
For I in range(30,0,-1):
Print("Remaining time: ",i)
Sleep(1)
Green.off()