ASSIGNMENT - 3

PYTHON CODE FOR BLINKING LED USING RASPBERRY PI

CODE:

Import RPI.GPIO as GPIO

From time import sleep

GPIO.setwarning(False)

GPIO.setmode(GPIO.BOARD)

GPIO.SETUP(8,GPIO.OUT,initial=GPIO.LOW)

While True:

GPIO.output(8,GPIO.HIGH)

Sleep(1)

GPIO.output(8,GPIO.LOW)

Sleep(1)

PYTHON CODE FOR TRAFFIC LIGHT USING RASPBERRY PI

from gpiozero import LED

from time import sleep

red=LED(22)

amber=LED(27)

green=(17)

While True:

Red.on()

Sleep(1)

Amber.on()

Sleep(1)

Green.on ()

Sleep(1)

Red.off ()

Sleep(1)

Amber.off()

Sleep(1)

Green.off()