# ASSIGNMENT-3

1.PYTHON CODE FOR BLINKING LED USING RASPBERRY PI

CODE:

import RPi.GPIO as GPIO

from time import sleep

GPIO.setwarnings(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)

2.PYTHON CODE FOR TRAFFIC LIGHTS USING RASPBERRY PI

CODE:

from gpiozero import LED

from time import sleep

red = LED(22)

amber = LED(27)

green = LED(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()

sleep(1)