ASSIGNMENT 3

WRITE PYTHON CODE FOR LED BLINK AND TRAFFIC LIGHTS FOR RASPBERRY PI.

import RPi . GPTO as GPTO

From time import sleep

GPIO. setmode (GPIO. BOARD)

red=7

Yellow=11

green=13

GPIO.setup (red, GPIO.OUT)

GPIO.setup (yellow, GPIO.OUT)

GPIO.setup (green, GPIO.OUT)

while True;

GPIO. output(red, True)

sleep (3)

GPIO.output (red, False)

GPIO. output (yellow, True)

sleep(1)

GPIO. output(yellow, False)

GPIO.output(green, True)

sleep(3)

GPIO. output (green,False)

GPIO.cleanup()

**TEAM ID: PNT2022TMID37952**

**TEAM BATCH NO: B7-1A3E**

**TEAM MENTOR: R. PADMAVATHY**

**TEAM LEADER: S MADHUVANTHHI (411419106013)**

**TEAM MEMBERS : P.GLANY ROSE(411419106008)**

**V.POOJA(411419106016)**

**R.SANGEETHA(411419106021)**

**TEAM SIZE: 4**