**GAS LEAKAGE MONITORING AND ALERTING SYSTEM**

ASSIGNMENT-3

**Write a python code for blinking LED and Traffic lights for Raspberry pi.**

**Only python code is enough no need to execute in raspberry pi.**

**NOTE: you are allowed to use web search and complete the assignment.**

**CODE :**

import time

import RPi.GPIO as GPIO GPIO.setmode(GPIO.BOARD) GPIO.setup(11, GPIO.OUT) GPIO.setup(12, GPIO.OUT) GPIO.setup(13, GPIO.OUT)

while True:

GPIO.output(11,True) ## Turn on redLed time.sleep(1) ## Wait for one second GPIO.output(11,False) ## Turn off redLed time.sleep(1) ## Wait for one second GPIO.output(12,True) ## Turn on yellowLed time.sleep(1) ## Wait for one second

GPIO.output(12,False) ## Turn off yellowLed time.sleep(1) ## Wait for one second GPIO.output(13,True) ## Turn on greenLed time.sleep(1) ## Wait for one second GPIO.output(13,False) ## Turn off greenLed time.sleep(1) ## Wait for one second