**IBM ASSIGNMENT 3**

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

**Program:**

import RPi.GPIO as GPIO import time

import signal import sys

GPIO.setmode(GPIO.BCM) GPIO.setup(9, GPIO.OUT) GPIO.setup(10, GPIO.OUT) GPIO.setup(11, GPIO.OUT)

def allLightsOff(signal, frame): GPIO.output(9, False) GPIO.output(10, False) GPIO.output(11, False)

GPIO.cleanup() sys.exit(0)

signal.signal(signal.SIGINT, allLightsOff)

while True: GPIO.output(9, True) time.sleep(3) GPIO.output(10, True) time.sleep(1) GPIO.output(9, False) GPIO.output(10, False) GPIO.output(11, True) time.sleep(5) GPIO.output(11, False) GPIO.output(10, True) time.sleep(2) GPIO.output(10, False)