

**IBM**

**ASSIGNMENT- 3 TEAM**

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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.cle
anup()

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)