SHANKARA NARAYANAN M

49621911118

```
import RPi.GPIO as
GPIO import time import
signal import sys
GPIO.setmode(GPIO.BCM)
GPIO.setup(20, GPIO.OUT)
GPIO.setup(21, GPIO.OUT)
GPIO.setup(22, GPIO.OUT) def
allLightsOff(signal, frame):
    GPIO.output(20, False)
    GPIO.output(21, False)
    GPIO.output(22, False)
    GPIO.cleanup()
    sys.exit(0)
signal.signal(signal.SIGINT, allLightsOff)
while True:
    # Red
    GPIO.output(20,
    True) time.sleep(2)
    # Red and amber
    GPIO.output(21, True)
    time.sleep(2)
    # Green
    GPIO.output(20, False)
    GPIO.output(21, False)
    GPIO.output(22, True)
    time.sleep(2)
    # Amber
    GPIO.output(22, False)
    GPIO.output(21, True)
    time.sleep(2)
    # Amber off (red comes on at top of loop)
    GPIO.output(21, False)
```