[student@localhost ~]$ su

Password:

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Intel(R) VTune(TM) Amplifier XE 2016 (build 444464)

[root@localhost student]# minicom -s

Debian GNU/Linux 7 beaglebone ttyGS0

default username:password is [debian:temppwd]

Support/FAQ: http://elinux.org/Beagleboard:BeagleBoneBlack\_Debian

The IP Address for usb0 is: 192.168.7.2

beaglebone login: debian

Password:

Last login: Wed Apr 23 20:21:10 UTC 2014 on ttyGS0

Linux beaglebone 3.8.13-bone47 #1 SMP Fri Apr 11 01:36:09 UTC 2014 armv7l

The programs included with the Debian GNU/Linux system are free software;

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/\*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent

permitted by applicable law.

debian@beaglebone:~$ su

root@beaglebone:/home/debian# cd /usr

root@beaglebone:/usr# vi traffic.py

import Adafruit\_BBIO.GPIO as GPIO

import time

led = ['P9\_11', 'P9\_12','P9\_13', 'P9\_14','P9\_15', 'P9\_16','P9\_23', 'P9\_24','P8\_1

1', 'P8\_12', 'P8\_13', 'P8\_14', 'P8\_17', 'P8\_18', 'P8\_7', 'P8\_15', 'P8\_16', 'P8\_8']

logic1 = ['P9\_15', 'P9\_24', 'P8\_14', 'P8\_12', 'P8\_11', 'P9\_23']

stop1 = ['P9\_23', 'P8\_11']

logic2 = ['P9\_12', 'P9\_14', 'P8\_17', 'P8\_15', 'P9\_11', 'P8\_18']

stop2 = ['P9\_11', 'P8\_18']

for i in range(len(led)):

GPIO.setup(led[i], GPIO.OUT)

def led\_clear():

for i in range(len(led)):

GPIO.output(led[i], GPIO.LOW)

while True:

#1st logic portion:

led\_clear()

for i in range(len(logic1)):

GPIO.output(logic1[i], GPIO.HIGH)

time.sleep(8)

led\_clear()

for j in range(len(stop1)):

GPIO.output(stop1[j], GPIO.HIGH)

GPIO.output("P9\_13", GPIO.HIGH)

GPIO.output("P8\_16", GPIO.HIGH)

time.sleep(3)

#2nd logic portion:

led\_clear()

for i in range(len(logic2)):

GPIO.output(logic2[i], GPIO.HIGH)

time.sleep(8)

led\_clear()

for j in range(len(stop2)):

GPIO.output(stop2[j], GPIO.HIGH)

GPIO.output("P9\_16", GPIO.HIGH)

GPIO.output("P8\_13", GPIO.HIGH)

time.sleep(3)

"traffic.py" 41L, 1086C written

root@beaglebone:/usr# python traffic.py