from socket import \*

from time import ctime

ctrCmd = ['O','C','A','M','L','T']

HOST = ''

PORT = 8080

BUFSIZE = 1024

ADDR = (HOST, PORT)

tcpSerSock = socket(AF\_INET, SOCK\_STREAM)

tcpSerSock.bind(ADDR)

tcpSerSock.listen(5)

while True:

print 'Waiting for connection'

tcpCliSock, addr = tcpSerSock.accept()

print '...connected from :', addr

try:

while True:

data = ''

data = tcpCliSock.recv(BUFSIZE)

if not data:

break

elif data[0] == ctrCmd[0]:

print 'OPEN'

elif data[0] == ctrCmd[1]:

print 'CLOSE'

elif data[0] == ctrCmd[2]:

print 'AUTO'

elif data[0] == ctrCmd[3]:

print 'MANU'

elif data[0] == ctrCmd[4]:

print 'LIGHT'

while data[len(data)-1] != ' ':

data = data + tcpCliSock.recv(BUFSIZE)

lightVAL = data[1:len(data)-1]

print int(lightVAL)

elif data[0] == ctrCmd[5]:

print 'TEMP'

while data[len(data)-1] != ' ':

data = data + tcpCliSock.recv(BUFSIZE)

tempVAL = data[1:len(data)-1]

print int(tempVAL)

except KeyboardInterrupt:

tcpSerSock.close()

tcpSerSock.close()