计网第三周作业

Problem 6:a) both the client or the server can indicate to the other that it is going to close the persistent connection.It does so by including the connection token close in the connection-header field of the http request

B)http dont use any encryption services

C) a client should not maintain more than 2 connections with any server so three or more connection is not allowed

1. Yes it is possible that a client is transporting a request while the server regard the connection as “idle” from server point the connection is “idle” but from client point,the connection is not “idle” but server can close the connection.

Problem 12

From socket import \*

Servertport=12000

Serversocekt=socekt(AF INET，SOCK STREAM）

Serversocekt.bind((‘ ‘,serverPort))

serverSocekt.listen(1)

connectionSocekt, addr =serverSocekt.accept()

While 1:

Sentence =connectionSocekt.accept()

Print ‘from server:’, sentence,

serverSocekt.close()

计网第二周作业

p3:a. a circuit-switched network is more appropriate for this application.Beacause circuit

switched is a actual time switching pattern,and is more suitable for some transmittion

which need high actual time switching and because it will run for a long time so it is

more suitable to use circuit switch

b.don't need some form of congestion control,beacause the sum of the application data

rastes is less than the capacitiesof each and every link.

p5:a. the end-to-end delay is the 175/100 hour+ 12\*10\*2seconds=109minutes

b.answer will be 108.2minutes

p6: a. propagation is m/s seconds

b.transmittion is L/R seconds

c.end to end delay is m/s + L/R seconds

d.is in the head of the link

e.is in the middle of the link.

f.is in the B

g.1500/10Mb=,m/2.5\*108m and m is 2250