

Lab 6

Question 1

1334 as segment size is 100 and it increases the sequence number 100 times.

Question 2

No as it increases 100 times and no further.

Question 3

Will increase the timeout

Question 4

$$\text{SmoothRTT} = (1 - 0.125) * 100 + 0.125 * 108$$

$$\text{SmoothRTT} = 101$$

$$\text{DevRTT} = (1 - 0.25) * 8 + 0.25 * |108 - 101|$$

$$\text{DevRTT} = 6.4$$

$$\text{TimeOut Interval} = 101 + 4 * 6.4$$

$$\text{TimeOut Interval} = 126.6$$

Question 5

Flow control

Question 6

Question 7

Triple duplicate ACKs

Question 8

Question 9

HTTP, FTP

Question 10

0.8 seconds

Question 11

4 seconds

Question 12

40 pkts/s