Store-and-forward & queuing delay
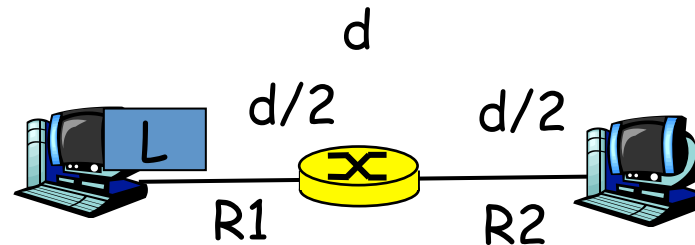
❑ distance = d meters; speed of propagation = s m/sec
❑ transmission rate of link = R1 and R2 bits/s
❑ Consider sending two packets A and B back to back

d

d/2   d/2

L

R1   R2

❑ Case 1: Assume R1 < R2   ❑ Case 2: Assume R1 > R2

Q: is there a queuing delay? how much is this delay?

Answer (queue is empty initially):