## CS 4/54201 Computer

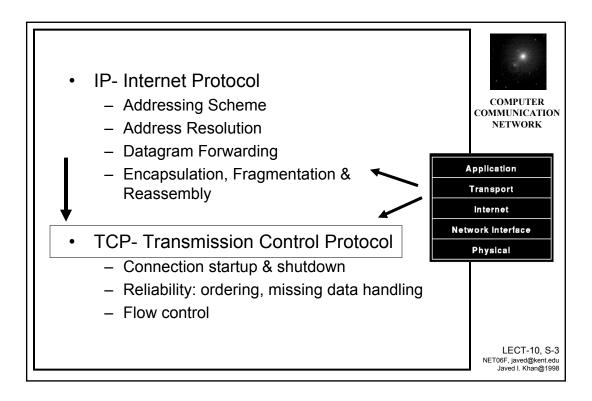
**Communication** Network

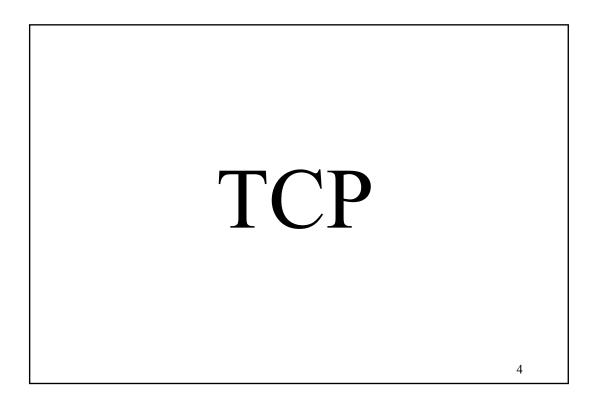
## Kent State University

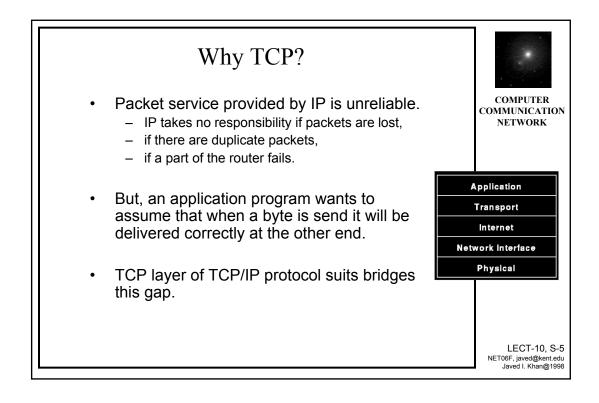
Dept. of Computer Science

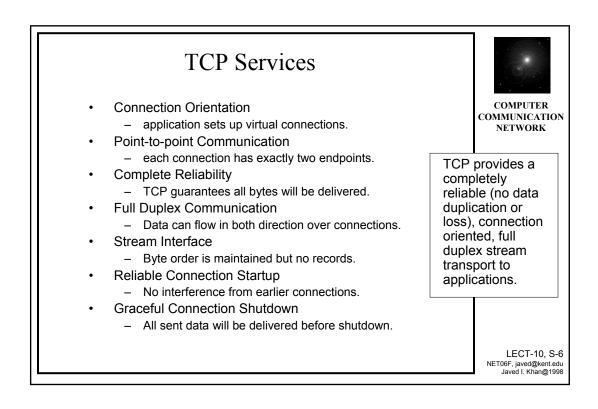
www.mcs.kent.edu/~javed/class-NET06F/

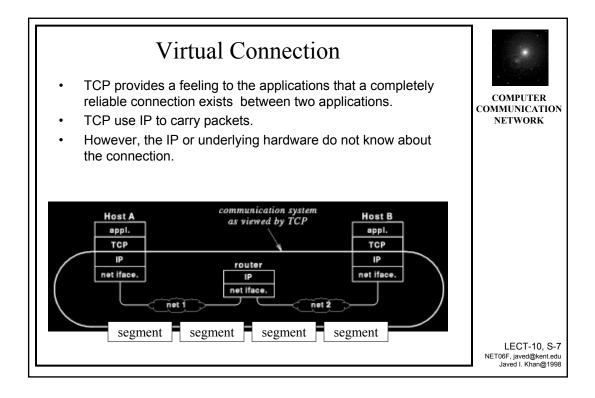
A Course on Networking and Computer Communication

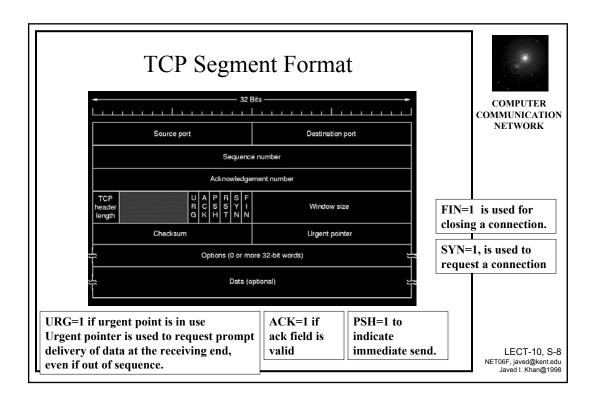






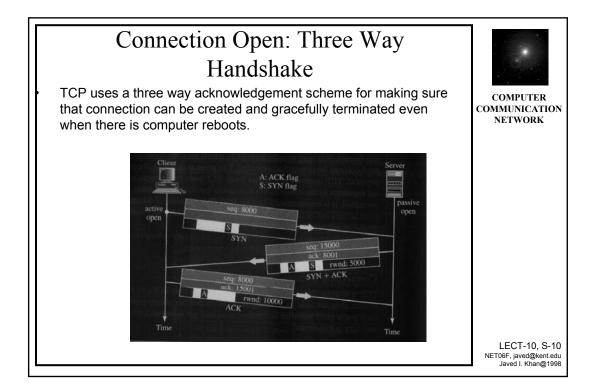


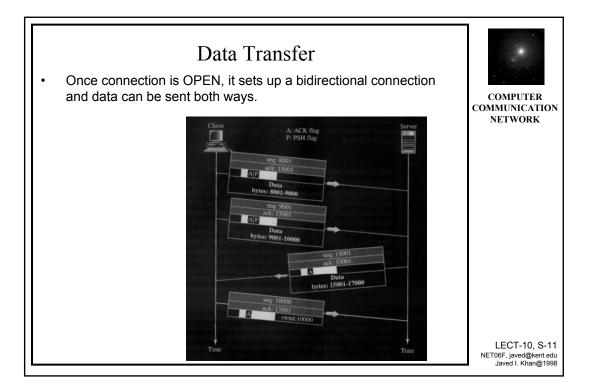


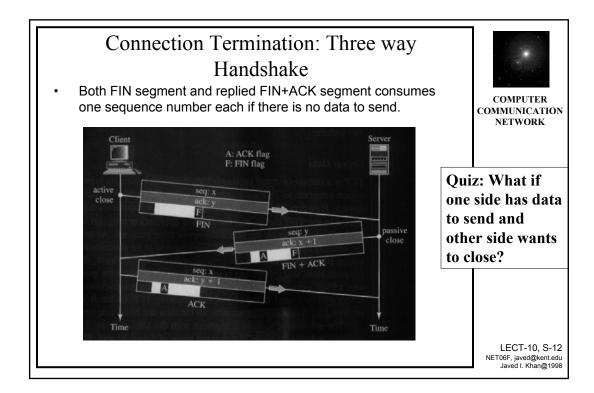


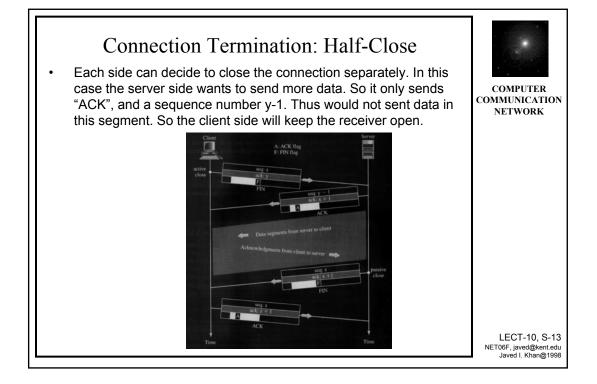
## Connection Management

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	TCP States	
	СОМ СОММИ	
CLOSED	There is no connection	WORK
LISTEN	Passive open received; waiting for SYN	
SYN-SENT	SYN sent; waiting for ACK	
SYN-RCVD	SYN+ACK sent, waiting for ACK	
ESTABLISHED	Connection established, data transfer in progress	
FIN-WAIT-1	First FIN sent; waiting for ACK	
FIN-WAIT-2	ACK to first FIN received; waiting for second FIN	
CLOSE-WAIT	First FIN received, ACK sent; waiting for application to close	
TIME-WAIT	Second FIN received, ACK sent, waiting for 2MSL time-out	1
LAST-ACK	Second FIN sent, waiting for ACK	1
CLOSING	Both sides have decided to close simulteneously.	

