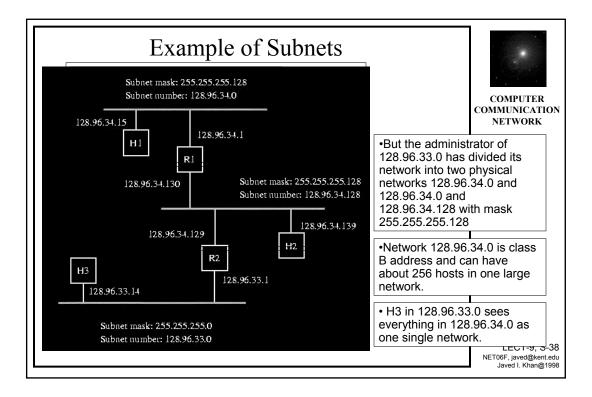
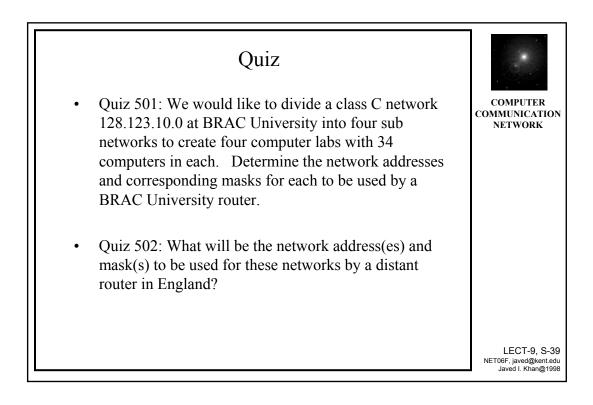
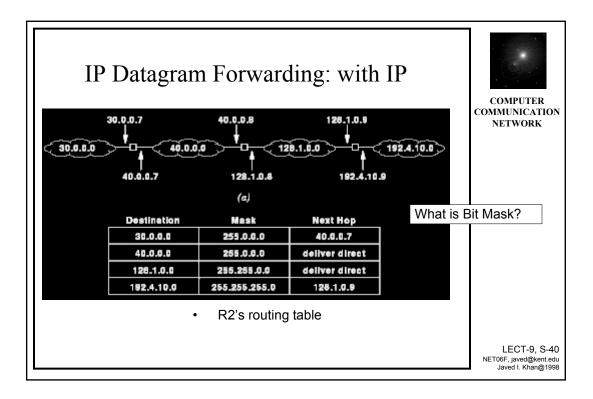
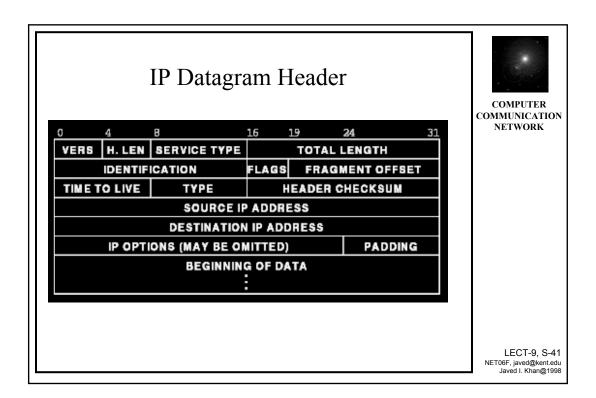


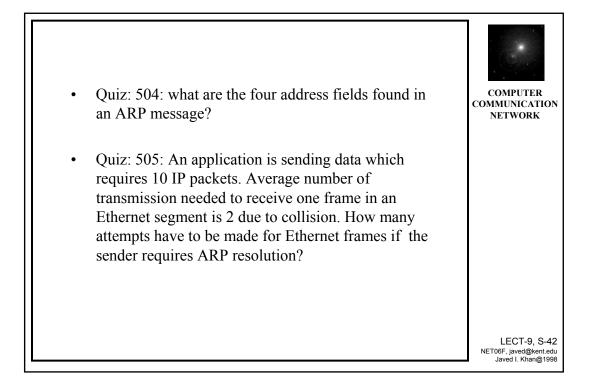
bits 0	1234 8	16	24 31		
Class B	0 prefix	SI	ıffix		
	Network number	Host	number	COMPUTER COMMUNICATI NETWORK	
	111111111111111111110000000				
	Subnet mask (255.255.255.0)				
	Network number	Subnet ID	Host ID		
stored. •An AND oper	routing table both the ne ation is performed befor etworks, the mask is of ty	e looking up	for the next hop.		
the mask is lo		· - · ·		LECT-9, S NET06F, javed@ken Javed I. Khan@	

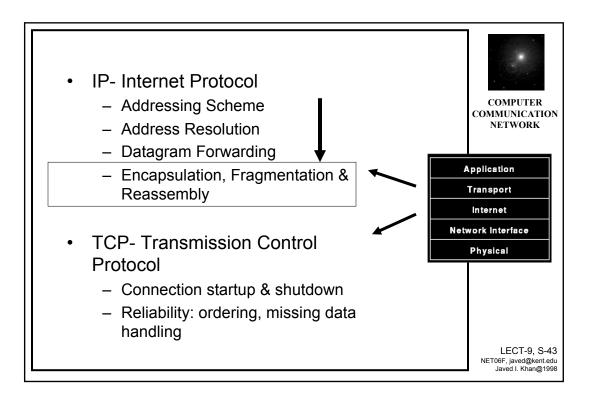


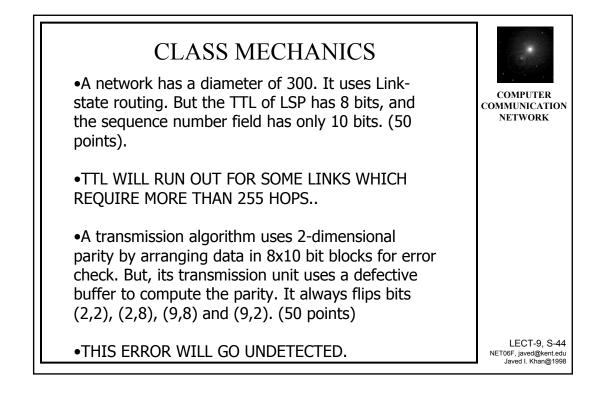


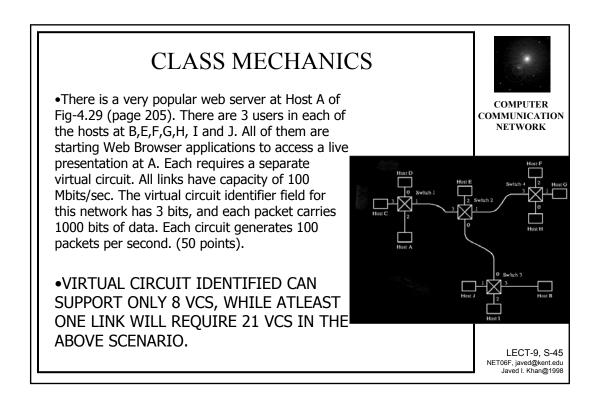


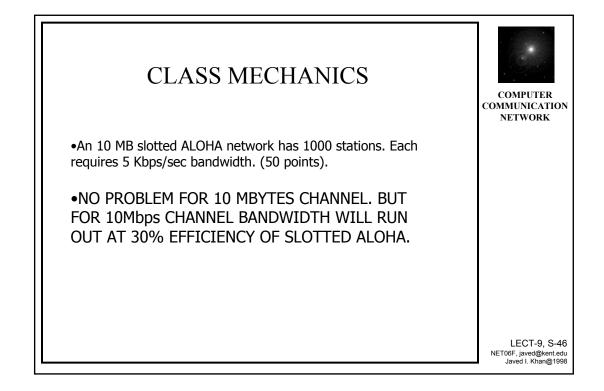


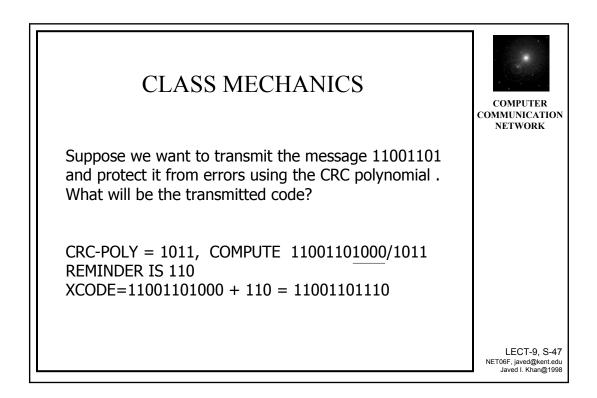


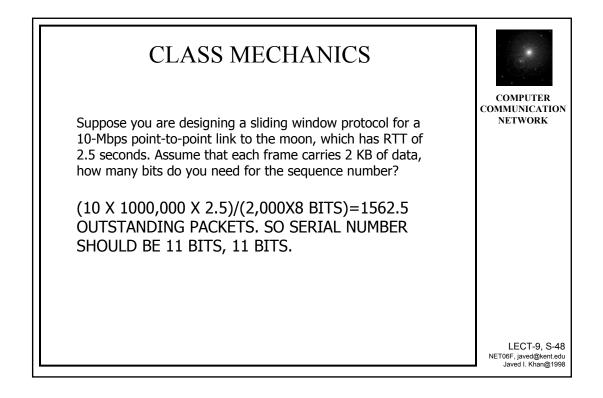


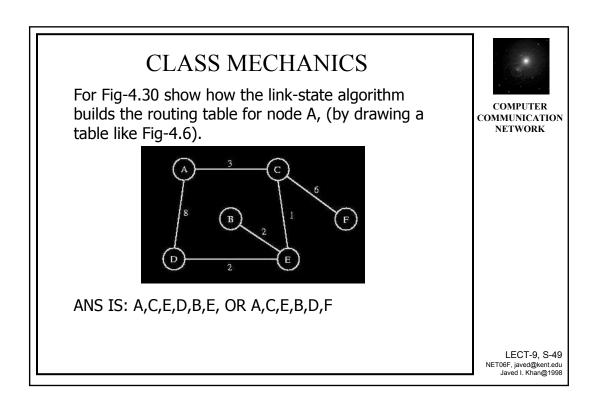






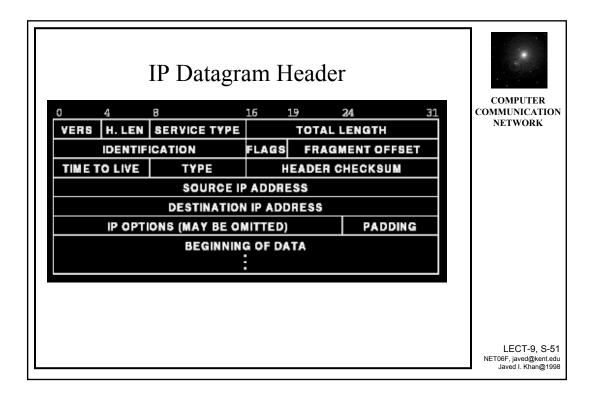


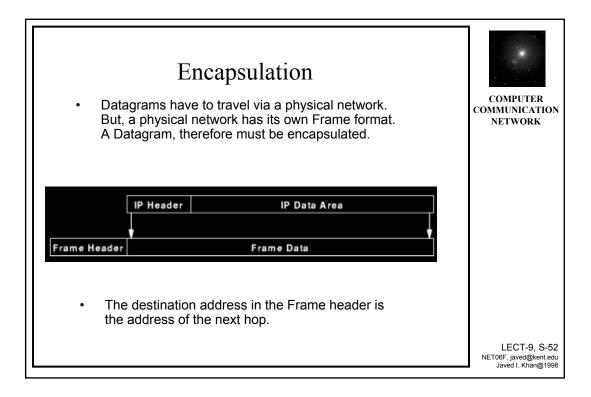


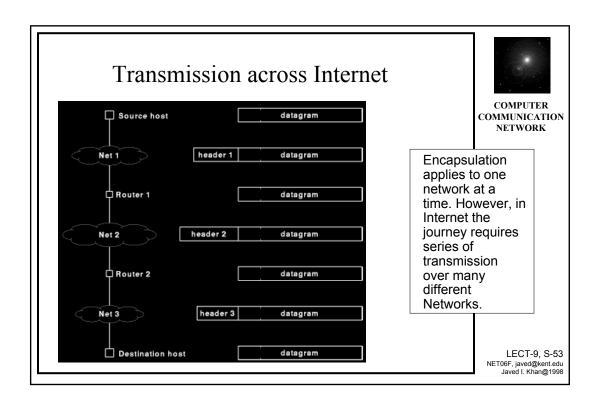


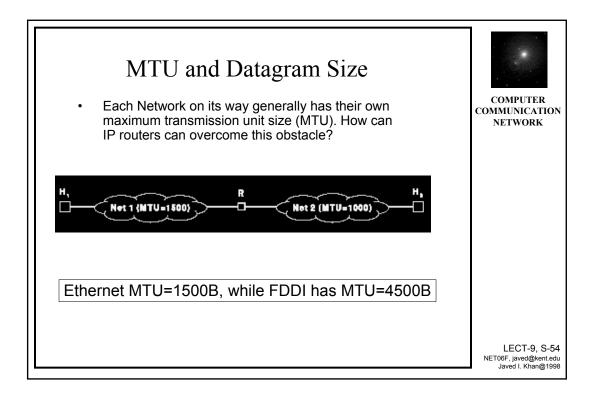
ENCAPSULATION FRAGMENTATION & REASSEMBLY

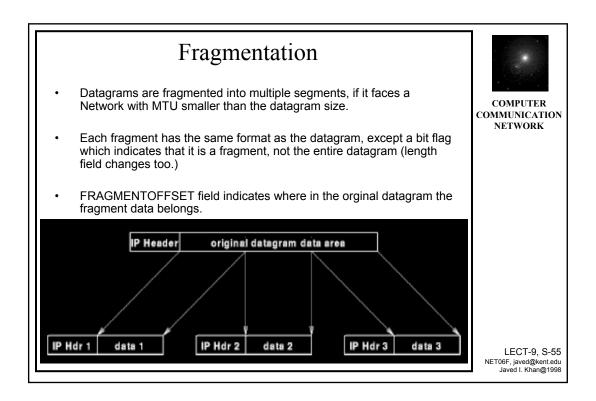
50

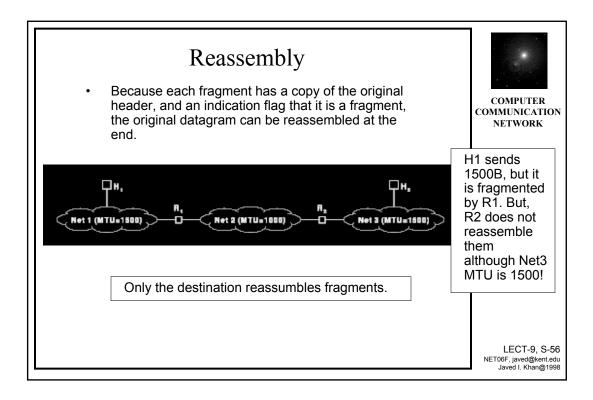


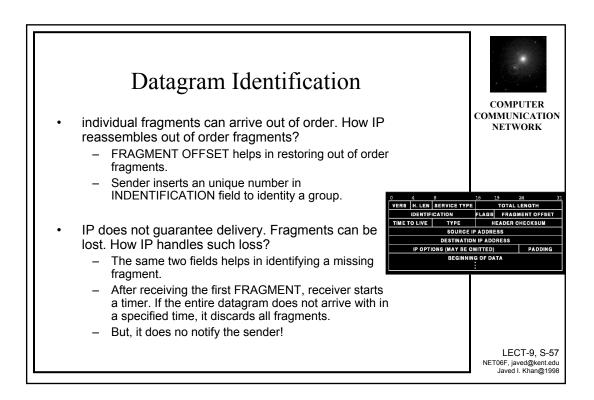


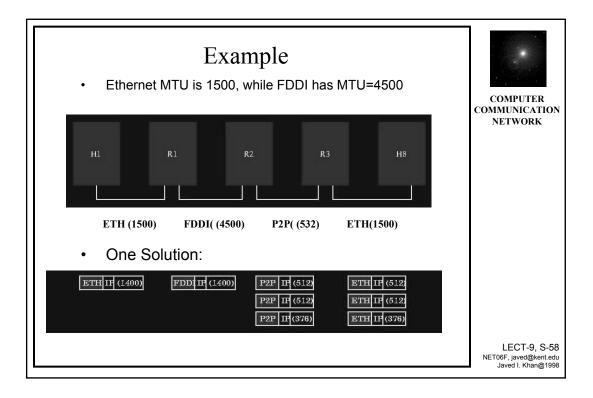


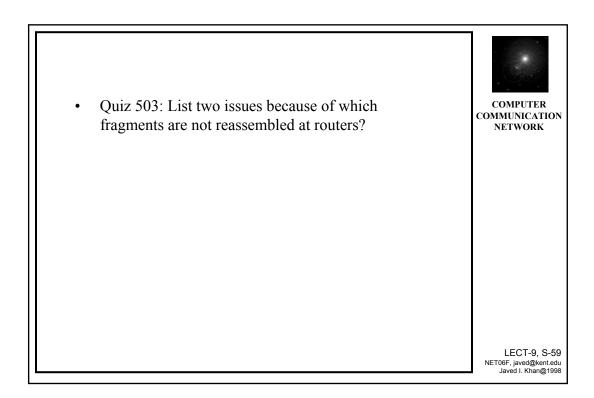












Example of TCP F	Start of header Ident = x 1 Officet = 0 Rest of header	COMPUTER COMMUNICATION NETWORK
SOURCE IP ADDRESS DESTINATION IP ADDRESS IP OPTIONS (MAY BE OMITTED) PAL	512 data bytes	Minor detail: Offset field count in units of 8 bytes. Fragmentation have to be performed in units of 8 bytes.
Before Fragmentation	Start of header Ident = x 1 Offset = 512 Rest of header 512 data bytes	
Start of header Ident = x 0 Offset = 0 Rest of header 1400 data bytes	Start of header Ident = x 0 Offset = 1024 Rest of header 376 data bytes	LECT-9, S-60 NET06F, javed@kent.edu Javed I. Khan@198

