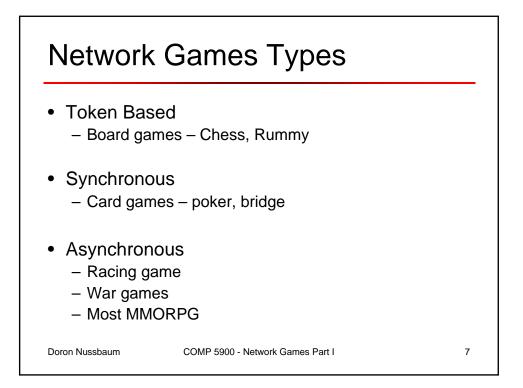
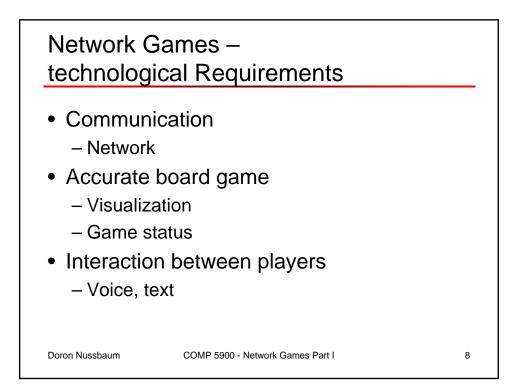
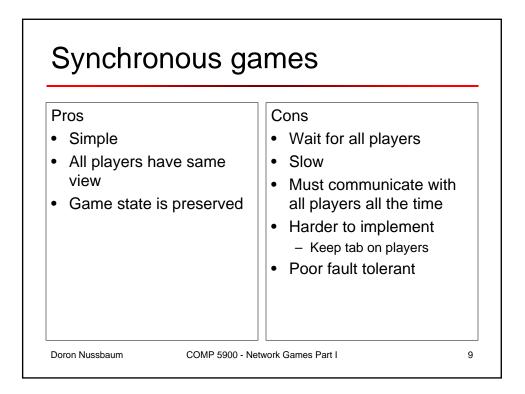
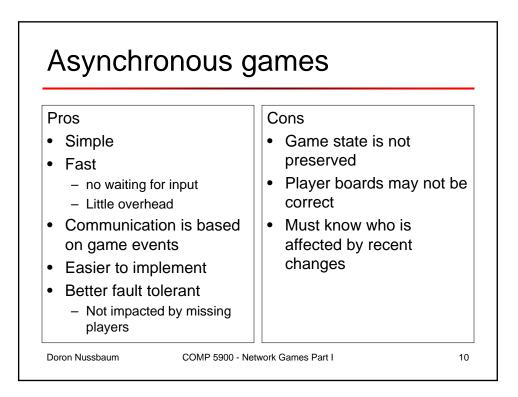


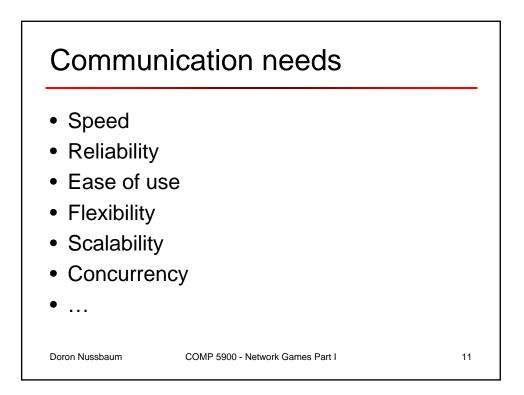
Issues		
 Delays Better community Synchronization Decide on game Congestion Scalability Changing beha Accuracy deploy approximation Boot strap Determine entries 	n ne style aviour patterns mation/prediction techniques	
Doron Nussbaum C	OMP 5900 - Network Games Part I	6

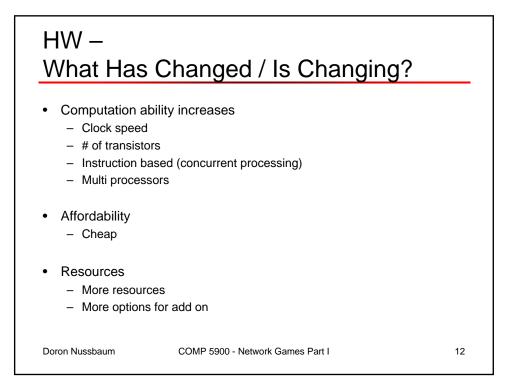


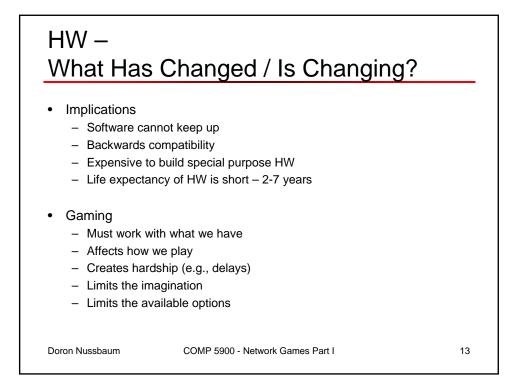


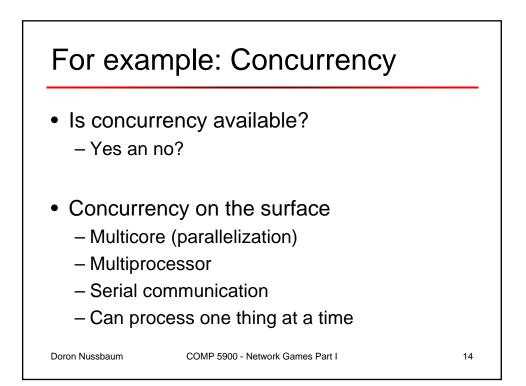


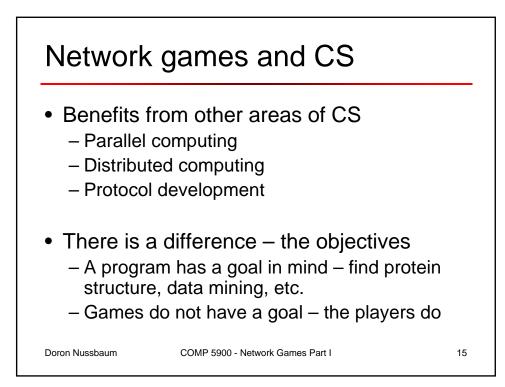


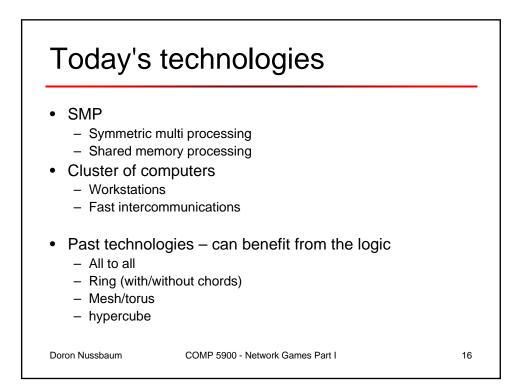


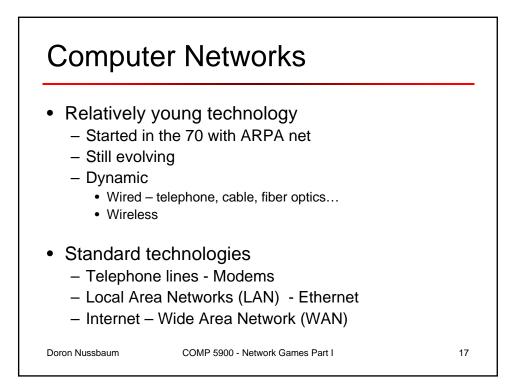


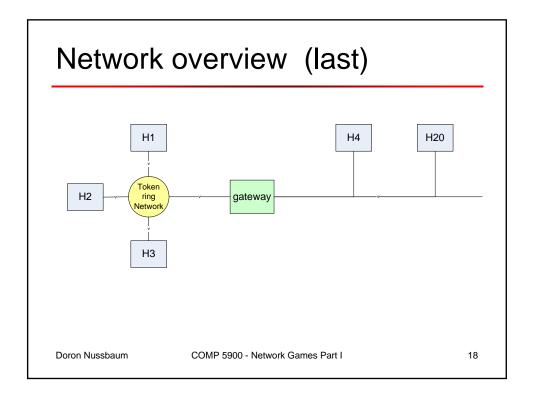


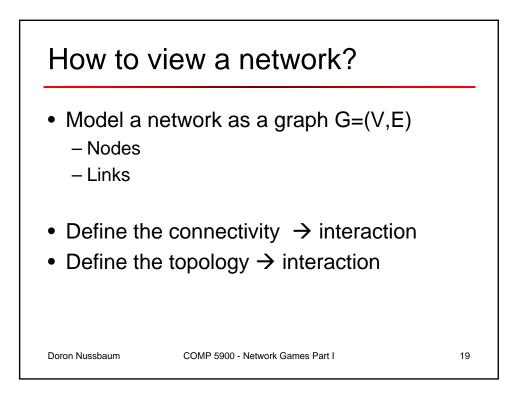


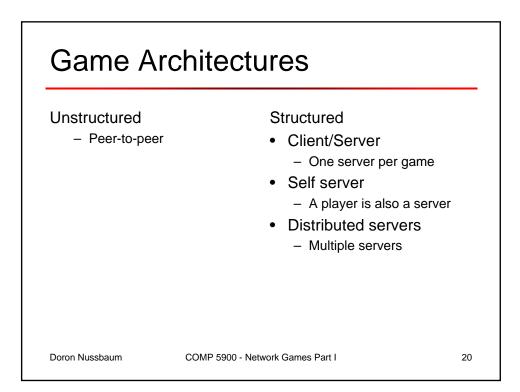


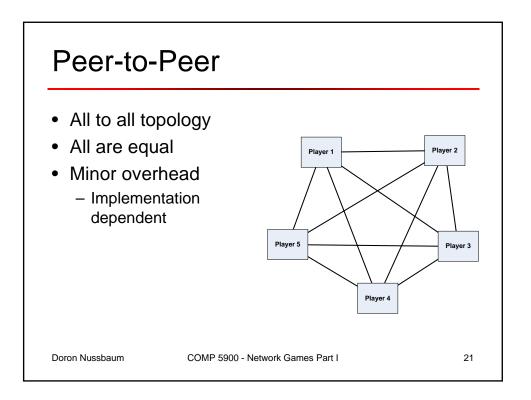


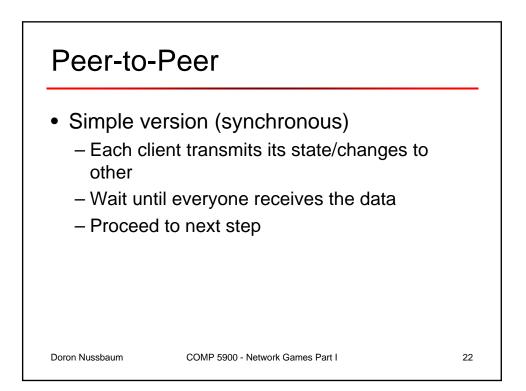


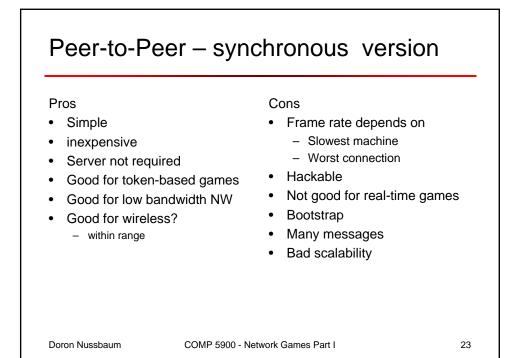


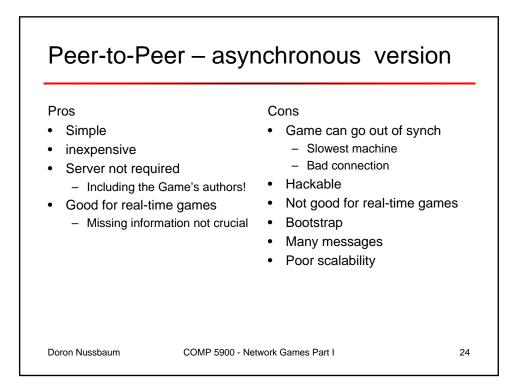


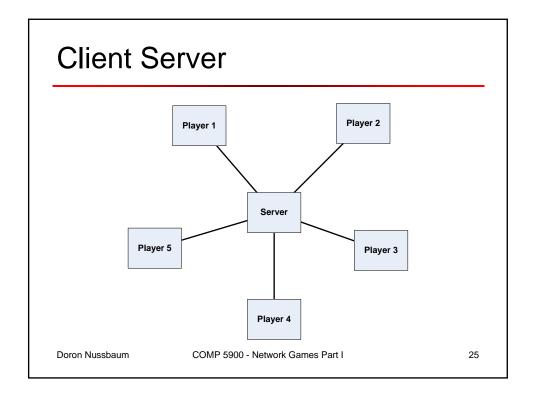


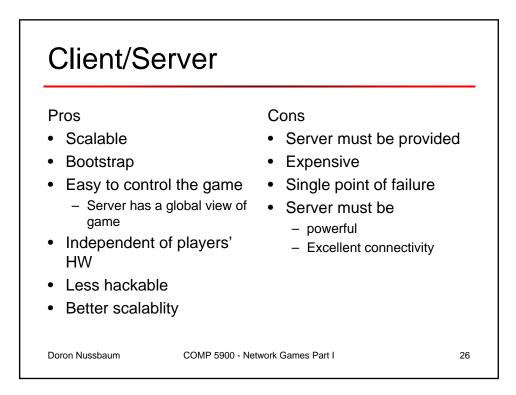


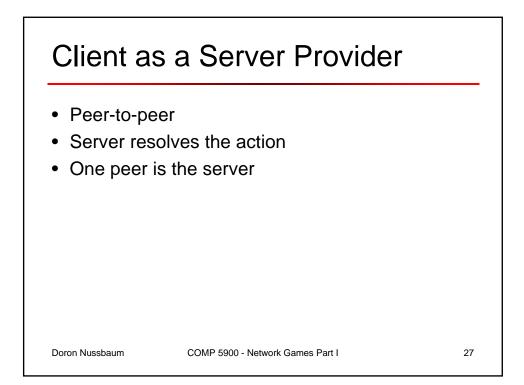


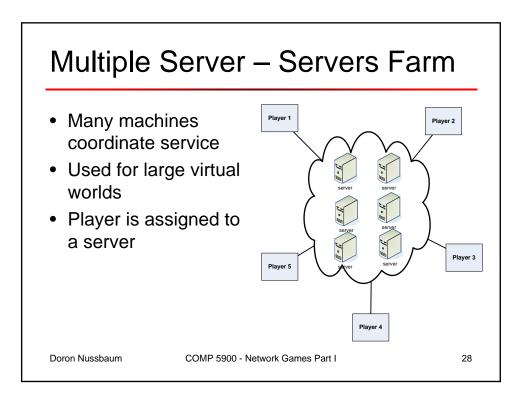


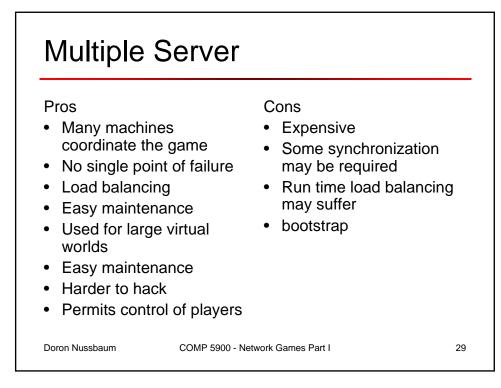


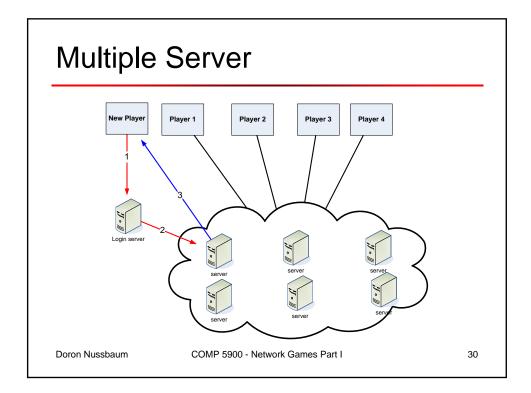


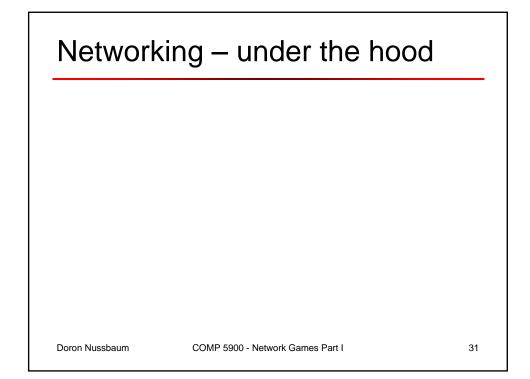


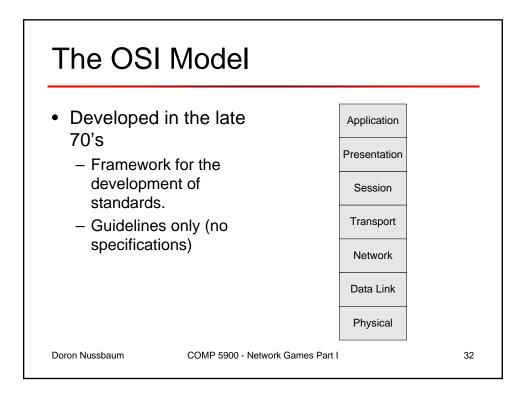


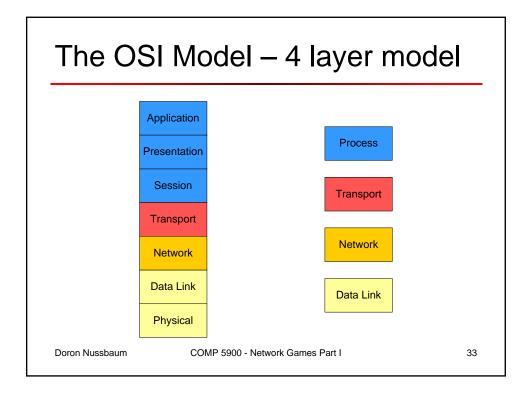


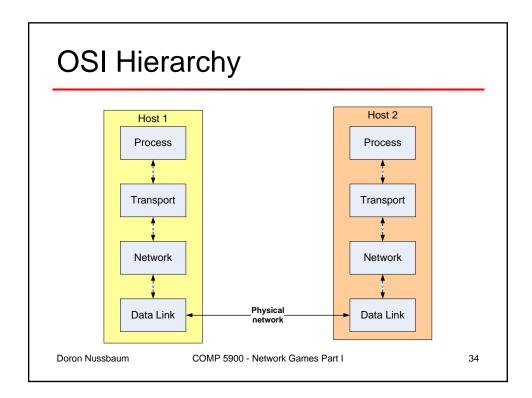


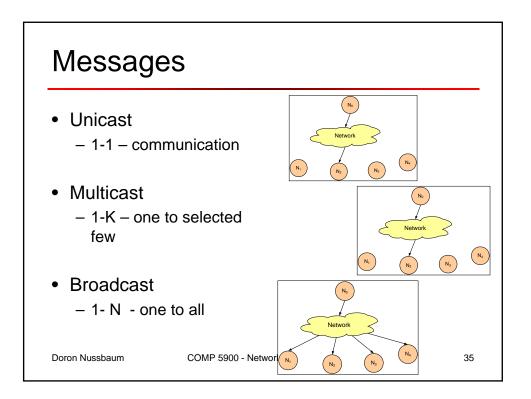


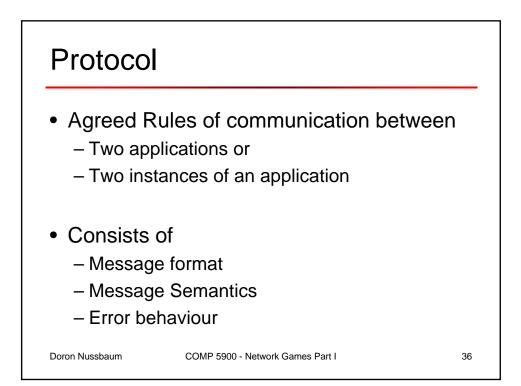


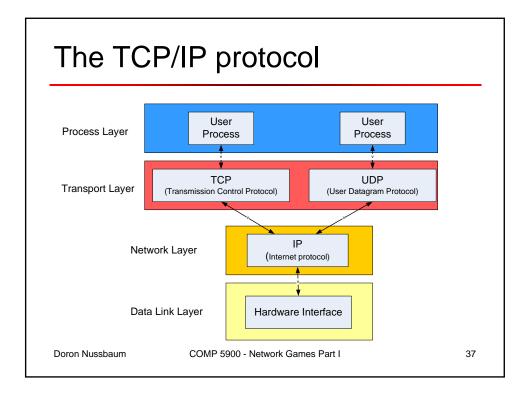


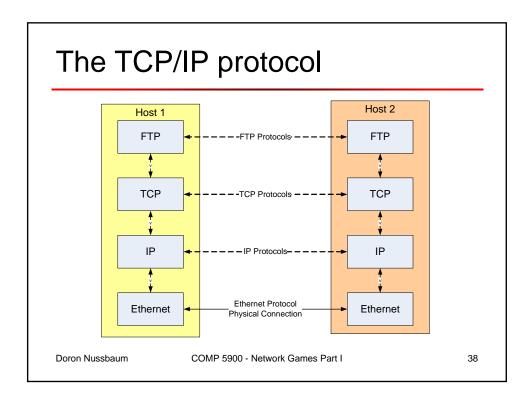


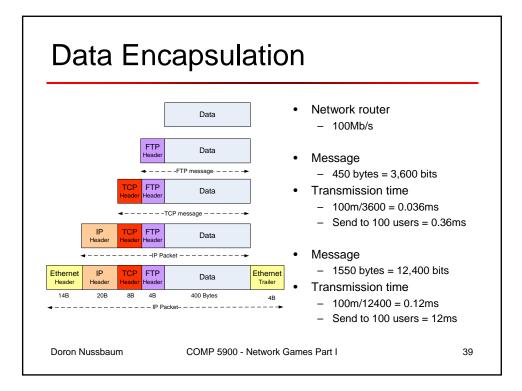


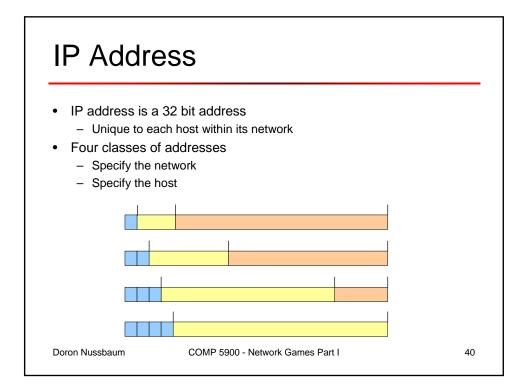


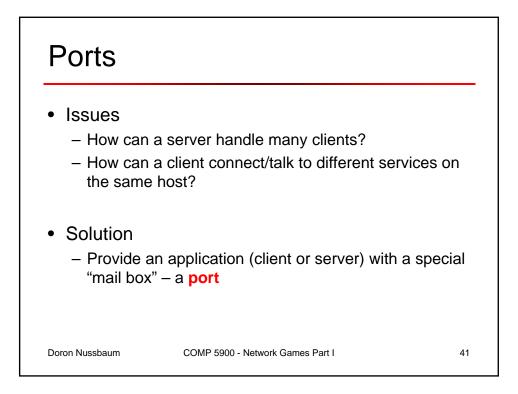


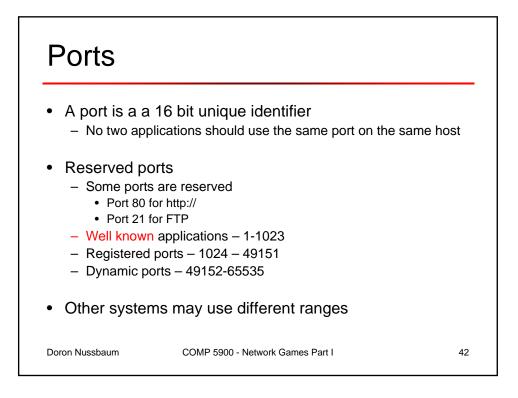


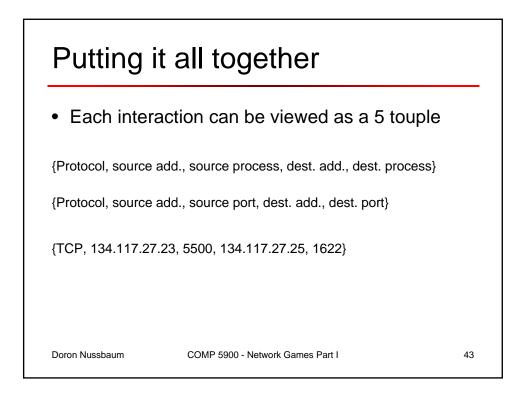


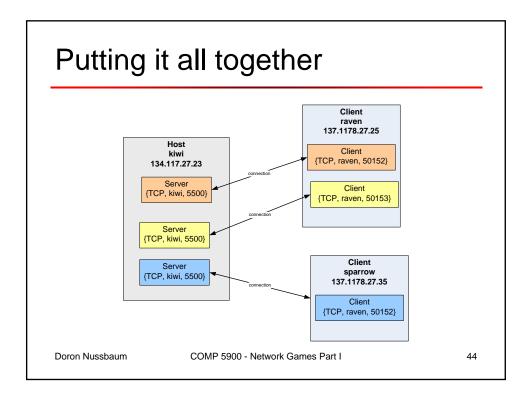


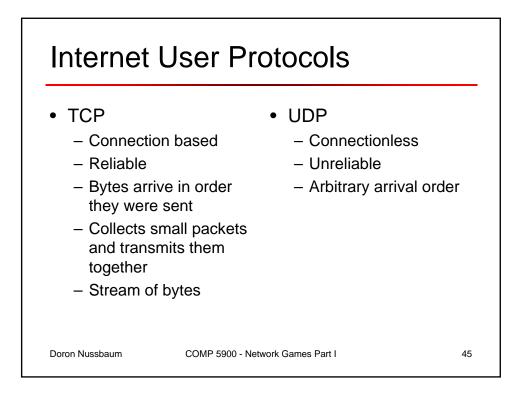


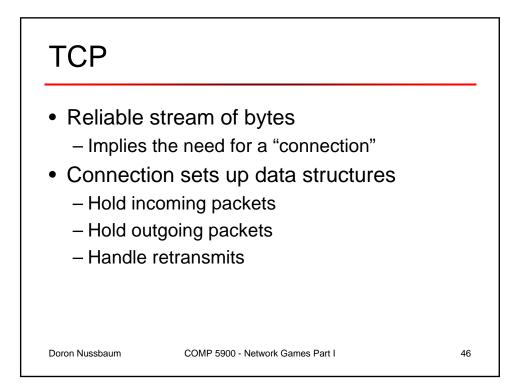


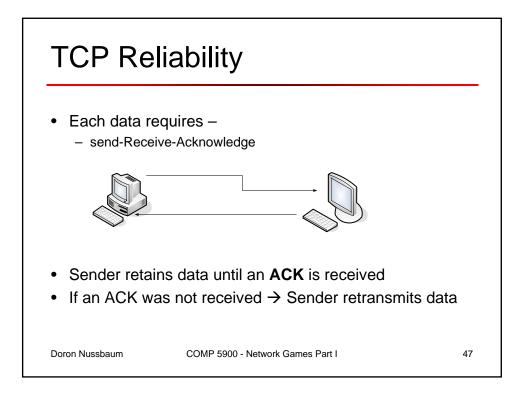


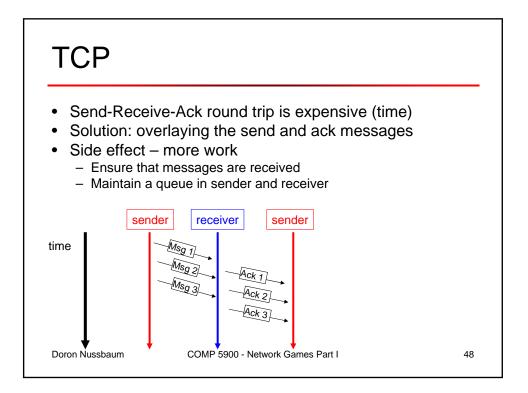


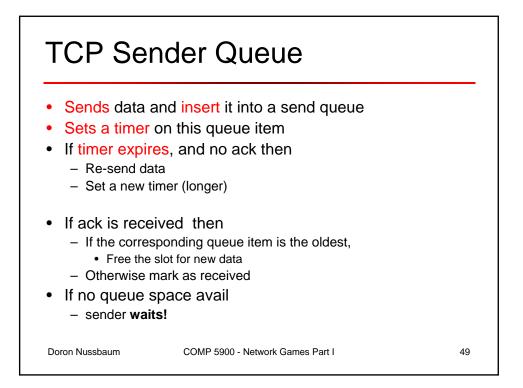


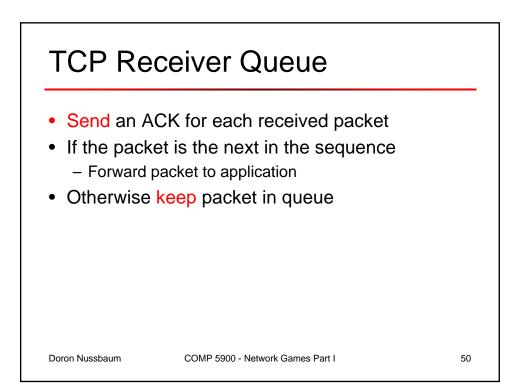


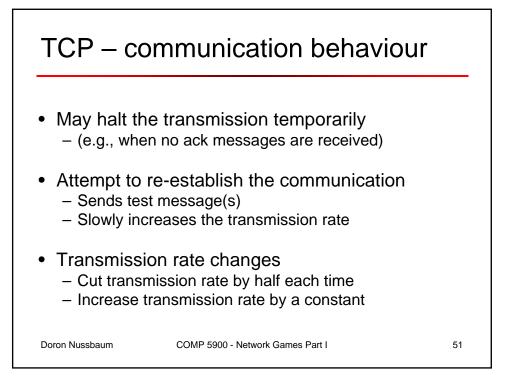


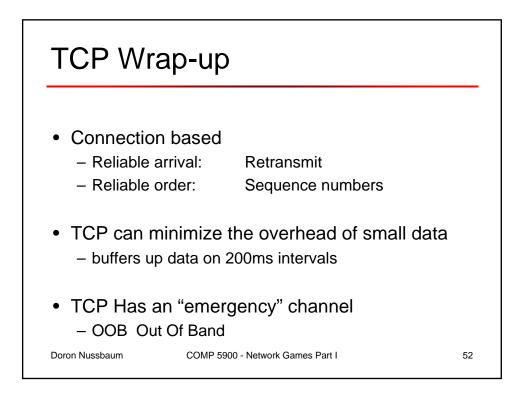


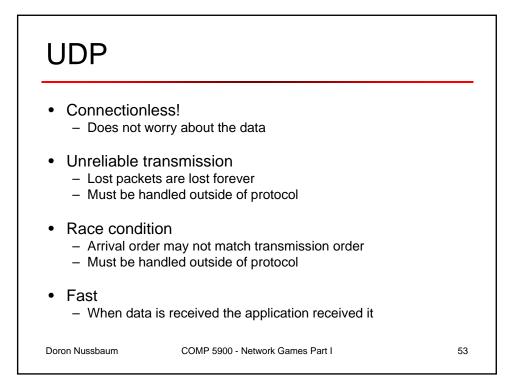


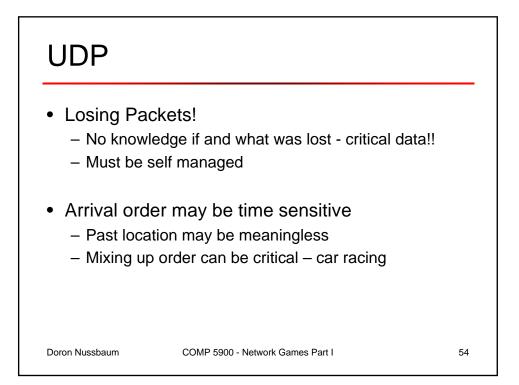


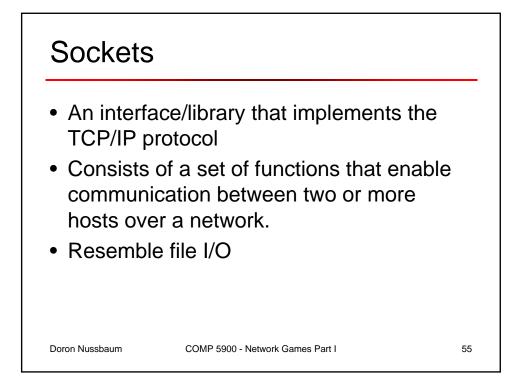




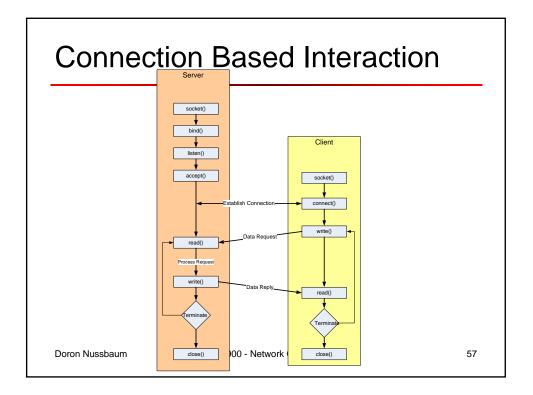


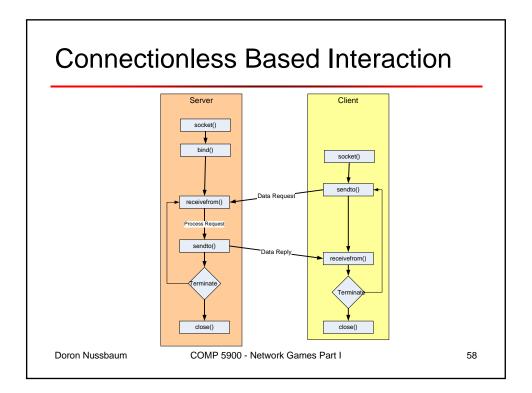


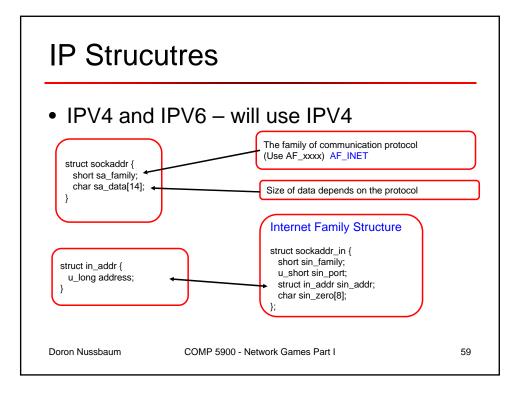


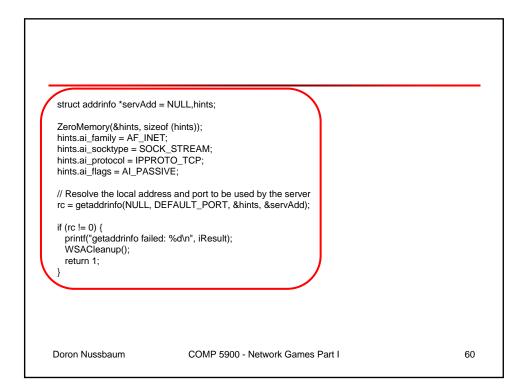


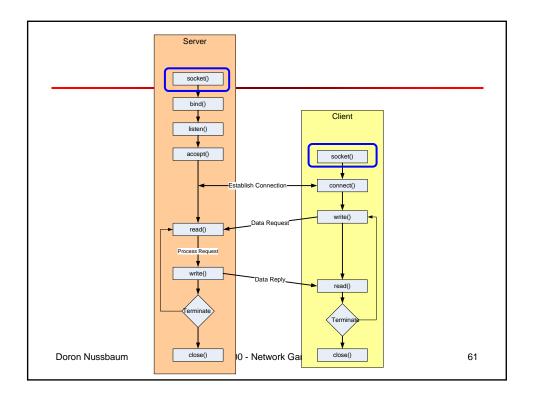
 Server Initialize Winsock. Create a socket. Bind the socket. Listen on the socket for a client. Accept a connection from a client. Receive and send data. Disconnect. 	 Client Initialize Winsock. Create a socket. Connect to the server. Send and receive data. Disconnect. 	
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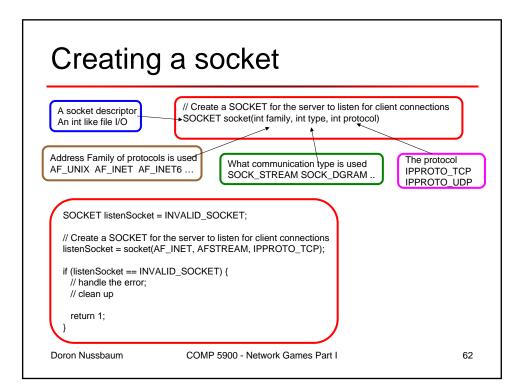


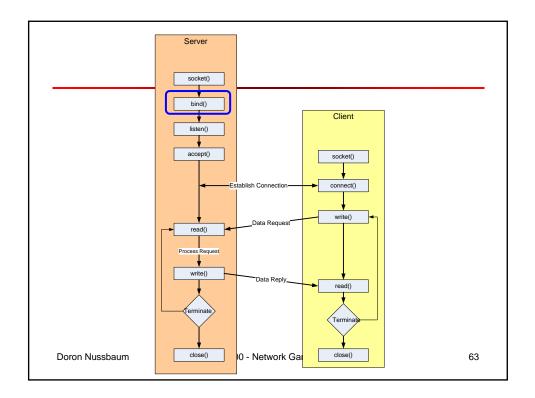


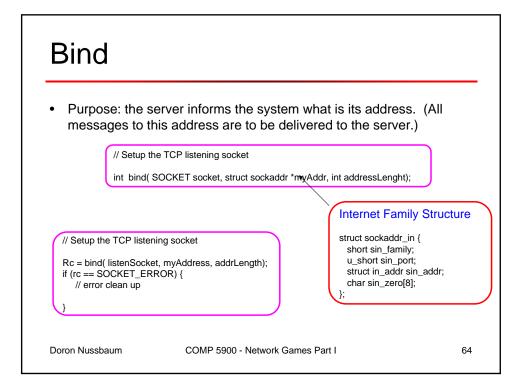


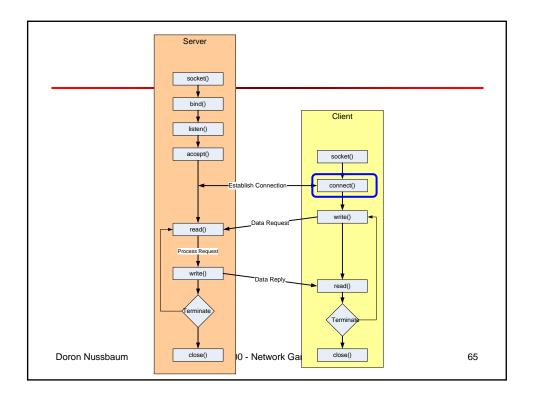


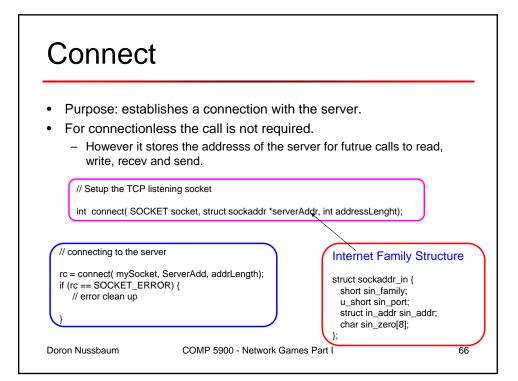


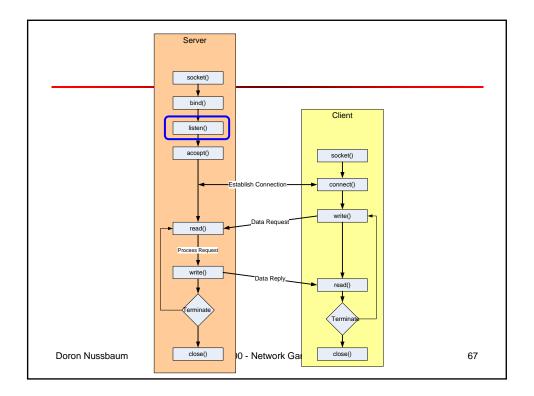


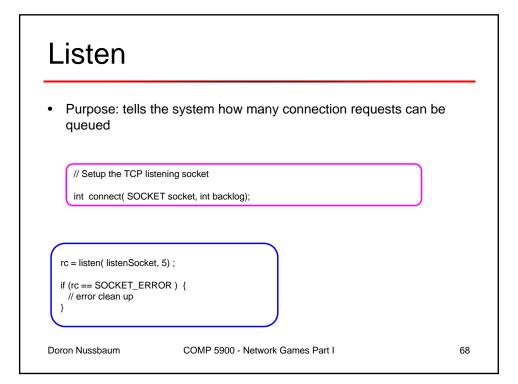


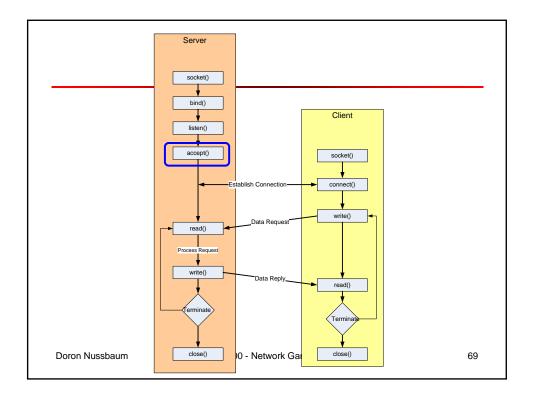


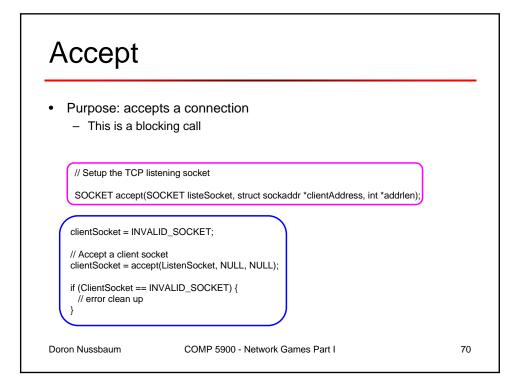


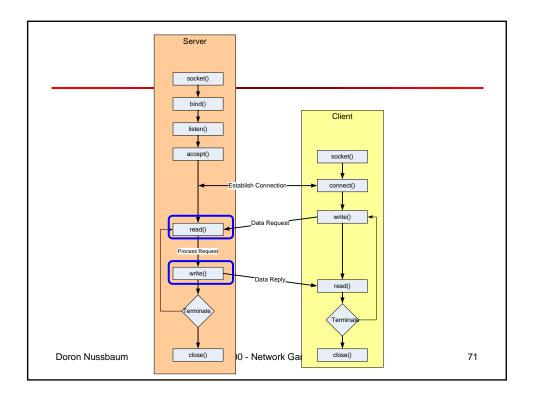


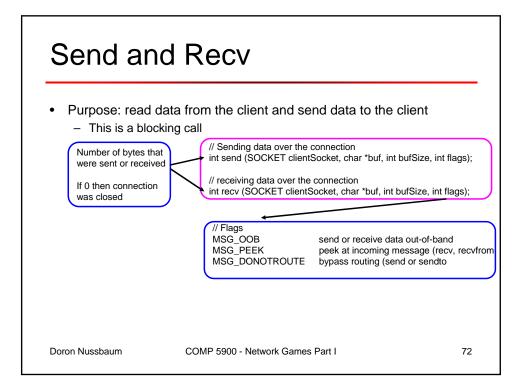


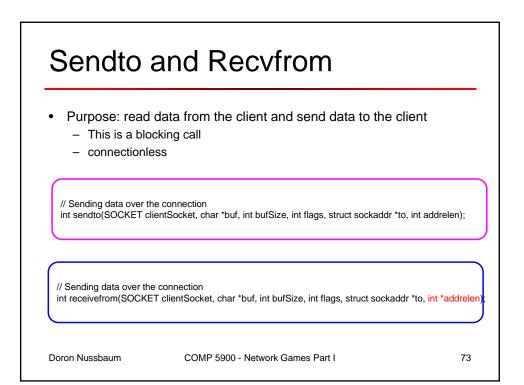


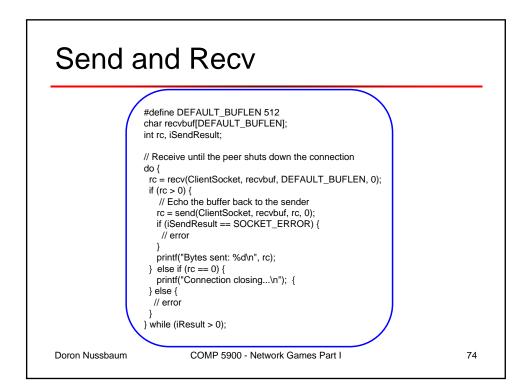


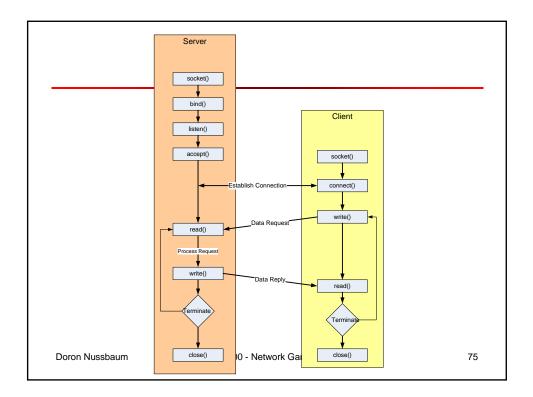


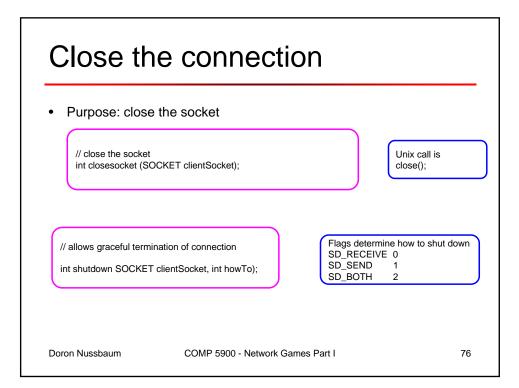












Utility Functions The htonl function converts a u_long from host to TCP/IP network byte order (which is big endian). u_long htonl(u_long hostlong); The **htons** function converts a **u_short** from host to TCP/IP network byte order (which is big-endian) u_short htons(u_short hostshort); The **ntohl** function converts a $\textbf{u_long}$ from TCP/IP network order to host byte order (which is little-endian on Intel processors). u_long ntohl(u_long netlong); The ntohs function converts a u_short from TCP/IP network byte order to host byte order (which is little-endian on Intel processors). u_short ntohs(u_short netshort); The inet_addr function converts a string containing an IPv4 dotted-decimal address into a proper address for the IN ADDR structure. unsigned long inet_addr(char *cp); The inet_ntoa function converts an (Ipv4) Internet network address into an ASCII string in Internet standard dotted-decimal format. char* inet_ntoa(struct in_addr in);

Windows specific for sockets	6
<pre>// Start Winsock up WSAData wsaData; if ((rc = WSAStartup(MAKEWORD(2,2), &wsaData)) != 0) { cerr << "WSAStartup() returned error code " << rc << "." << endl; return(1); } WSACleanup();</pre>	
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