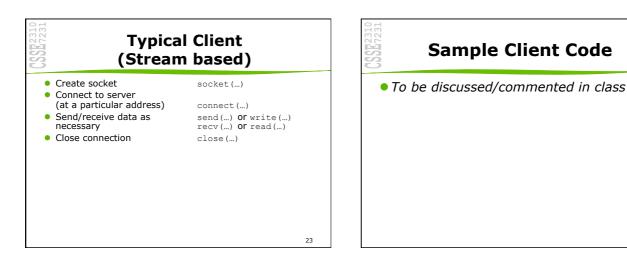
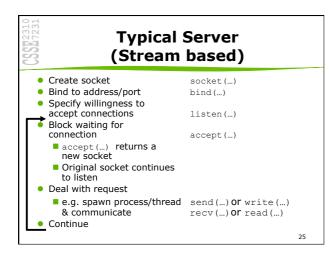
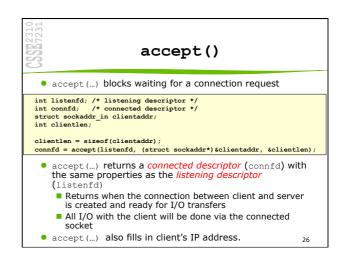


| CSSE 72310 | Socket Address Structures |
|-------------------|--|
| • | Generic socket address: For address arguments to connect, bind, and accept. Necessary only because C did not have generic (void *) pointers when the sockets interface was designed |
| | <pre>struct sockaddr { sa_family_t sa_family; /* protocol family */ char sa_data[14]; /* address data. */ };</pre> |
| • | <pre>Internet-specific socket address: Must cast (struct sockaddr_in *) to (struct sockaddr *) for connect, bind, and accept</pre> |
| sa ir st | <pre>ict sockaddr_in { _family: /* address family (always AF_INET) */ jort_t sin_family: /* port num in network byte order */ iruct in_addr sin_addr; /* IP addr in network byte order */ isigned char sin_zero[8]; /* pad to sizeof(struct sockaddr) */</pre> |

| CSSE72310 | Socket Address Structures |
|----------------|--|
| | <pre>struct sockaddr { sa_family_t sa_family; /* protocol family */ char sa_data[14]; /* address data. */ };</pre> |
| sa in st | <pre>act sockaddr_in { a_family t sin_family; /* address family (always AF_INET) */ a_port_t sin_port; /* port num in network byte order */ truct in_addr sin_addr; /* IP addr in network byte order */ hsigned char sin_zero[8]; /* pad to sizeof(struct sockaddr) */</pre> |







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