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CSE530 Lab 3

Function Name	Syntax	Arguments	Return Values
listen	Int listen(int sockfd, int backlog)	Sockfd: file descriptor to socket backlog: maximum length of connection queue	Return 0 on success, -1 on failure
accept	Int accept(int sockfd, struct sockaddr *addr, socklen_t *addrlen)	Sockfd: file descriptor to socket already binded and listening addr: the space for the accepted socket Addrlen: length of the address	Return a new accepting file descriptor socket if successful, -1 if error
connect	int connect(int sockfd, struct sockaddr *addr, socklen_t addrlen)	Sockfd: file descriptor to socket addr:address of socket to connect to. Addrlen: length of addr	0 if successful, -1 if error
write	ssize_t write(int fd, void* buf, size_t count)	Fd: file descriptor to socket buf: data buffer to write from count: amount of bytes per buffer	Number of bytes written, -1 for error
read	ssize_t read(int fd, void* buf, size_t count)	Fd: file descriptor to socket buf: data buffer storage count: amount of bytes per buffer	Number of bytes read, 0 if end of file, -1 for error