

CSC 306 WEEK 8 STUDY GUIDE

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Make sure you understand all the concepts from the previous study guides. Also, concepts from the series of software projects that are the cornerstone of the course: lexical analysis, parsing, and how to build an internal representation from the information gleaned from the parsing process.

Make sure you understand pointers, pointer arithmetic, and the relationship between arrays and pointers.

Know how to use the concepts of inheritance and polymorphism to design data structures for programming language expressions and statements. Understand how to initialize constructors of base classes.

Understand the concept of virtual functions and pure virtual functions.

Make sure you understand all the concepts related to context free grammars.