

CS506-P1-Part2-README

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This is the second part of P1. It requires us to write four classes, *Sym.java*, *SymTable.java*, *DuplicateSymException.java*, and *EmptySymTableException.java*.

Sym Class

This class represents a symbol, containing the type information.

SymTable Class

This class represents a symbol table. It is a linked list, with each element a hashmap mapping from the identifier name to the corresponding symbol.

DuplicateSymException Class

This class is a checked exception that can be thrown by SymTable Class. It occurs when adding an existing identifier into current scope.

EmptySymTableException Class

This class is a checked exception that can be thrown by SymTable Class. It occurs when calling certain methods of an empty SymTable.