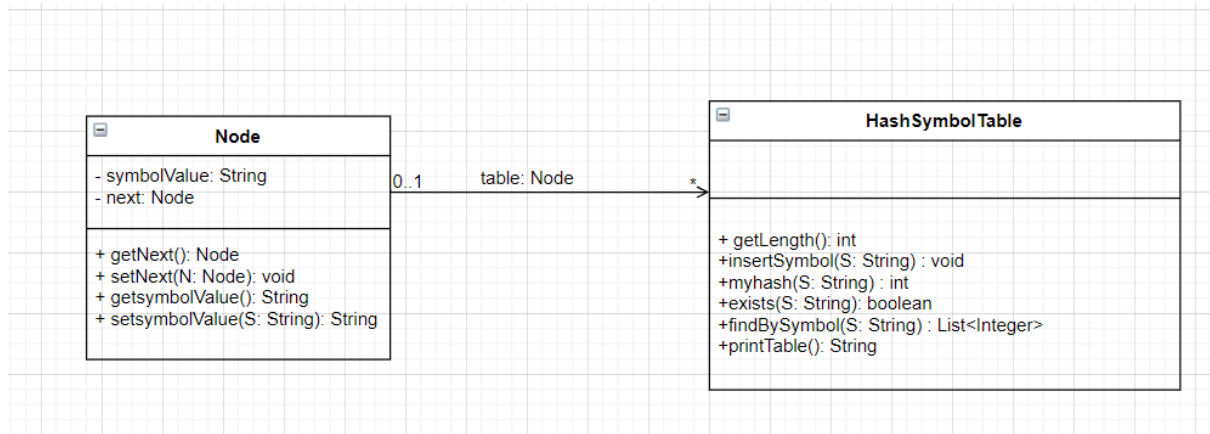


Git Link for source code: <https://github.com/DeeaKr/FLCD/tree/develop/lab2>



I decided to use Java as a programming language. My Symbol Table is a Hash table with a singly linked list. My hash function returns an int which is the sum of ascii codes of every char from the string symbol modulo length (prime number). The function `findBySymbol` returns a list of integers which are two position, the first position is the position generated by the hash function and the second one is the position where the symbol exists in the linked lists, if it doesn't exist the second position will be -1. The function `exists` returns true if the symbol already exists in the symbol table else returns false.