https://github.com/Nyesteban/FLCD-lab-2

I am using a hash table with separate chaining as the collision handling technique.

Pair is a custom class containing two integers.

Therefore, the hash table is implemented as an ArrayList of ArrayLists with the possibility of a custom size(127 is the default).

I compute the hash by using the hashCode function of the Java language.

The get() function of HashTable gets the position of the given element as a Pair.

The getByPos() function of HashTable gets the element at the given position.

The add() function adds a given element to the HashTable, using hashing of course.

The SymbolTable class creates a HashTable of Objects, so we can add the identifiers, integer constants and string constants to a single hash table. It has the same functions as the HashTable class.