Lab 2

Git: https://github.com/fciocan42/FLCD.git

class SymbolTable
The class representations of a unique symbol table (the same for identifiers and constants) using a hash table.

Fields:
Capacity – integer value - it varies accordingly with the loading factor (the size-capacity ratio)
Size – integer value – number of symbols in table
Values – list of lists – the list of the values. List of values are located at the specific hashed value as index

Hash function – sum of ascii values of the characters of the key string mod capacity
Collision – separate chaining with a single linked list