

<https://github.com/cs-ubbcluj-ro/lab-work-computer-science-2024-915-Micu-AlexiaClaudia/tree/main>

Structures:

Pair: this is used for handling collision in the hash table

It has a token (key) and a position (to determine its position in the list of the elements hashed on that position)

HashTable: hashes keys based on the sum of each character's ascii code

It checks whether a key exists, returns the position of the key or adds a new key.

SymbolTable: this handles the case of int or string keys and acts as an intermediary structure for the hash table and the main program.

The program uses these structures to create two separate tables (one for identifiers, one for constants).