

https://github.com/tdrts/Labs_FLC/blob/main/Lab%203/main.py

Symbol Table is a Hash Table with a hashing function that computes the sum of ascii codes of the value modulo 101 (size of the array).

Collisions are solved by simple chaining.

There is are 2 symbol tables: one for identifiers and one for constants.

Class Symbol Table has 4 important functions:

1. `find_hash(value)` - returns the hash value corresponding for the value
2. `add(variable)` – compute the hash value for the variable and add it to the table if it's not already added
3. `remove(variable)` – computes the hash value for the variable and removes it from the symbol table if it exists
4. `display_sym_table` – that prints on the screen the values in the hash table