

<https://github.com/cs-ubbcluj-ro/lab-work-computer-science-2024-NikAlien/tree/main/1-Mini-Language-And-Scanner>

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For this symbol table I've implemented a hash table and its operations.

1. hashFunction (String key)
Works by adding the ascii codes of the chars and getting mod size of array
 - a. input: string
 - b. output: index for position in hash table
2. insertItem(String key)
Gets the index through the hash function, and adds the element to the end of the array on that index
 - a. input: string
 - b. output: pair of coordinates (where the item was inserted)
3. searchItem(String key)
Gets the index through the hash function, and searches the element in the array on that index
 - a. input: string
 - b. output: pair of coordinates (where the item is) or null if not found
4. deleteItem(String key)
Deletes element from hash table
 - a. input: string
 - b. output: -