https://github.com/iustinficau/flcd

This is an implentation of a symbol table represented on a hash table that uses separate chaining as a collision resolution method.



Operations:

*init(self):

description: Creates a new empty Symbol Table

*hash(key):

description: Generates a hash for a given key

pre: key - string

post: index - integer

*insert(key, value):

description: Inserts a key, value pair to the smyboltable

pre: key - string, value - integer

*find(key):

description: Finds a data value based on key

pre: key - string

post: values - list of values, index - integer

*remove(key):

description: Remove node stored at key

pre: key - string

post: node - Node