

Node:

- Person's SSN
- Person's name
- Pointer to next value

SLL():

- Set size to 0
- Set headPtr to null.

~SLL():

- Traverse from front to back of the linkedlist
- Delete each node

SLL::getHeadPtr():

- Return the headPtr

SLL::insert():

- Set the headptr
- Find the last node in the list
- Create a new node
- Append the new node to the end of the list

SLL::search():

- If item1 is found,
 - Return the pointer to the node
- Return null

SLL::erase():

- If empty:
 - Return false
- Traverse the list until the item is found
- Remove the first node, middle node, then last node

SLL::display():

- Traverse the list
- Print each value to the console

HashTable() :

- Initialize instance variables: tableSize to 3 and numNodes to 0.
- Create dynamic array of type SLL to store data of size tableSize

HashTable(size):

- Initialize tableSize with parameter size
- Set numNodes to 0
- Create dynamic array of type SLL to store data of size tableSize

HashTable()::find():

- Search item in the table
- If item is found
 - Return true
- Otherwise
 - Return false

HashTable():insert():

 Insert (item1, item2) to the table

 Use item1 as the key

 If inserted

 return true

 Otherwise, return false

HashTable::erase():

 Delete the pair whose key value is item

 If deleted, return true

 Otherwise, return false

HashTable::getSize():

 Return the number of nodes in the table