

void insert(string new-val):

The idea is to iterate through the list until the end lone it ads null ptr). Then, change next to a new Hush Made with the desired value.

Tests: insert a string with the value... "nullptr"

"NULL"

All of these should be handled ""

without issue. "hello"

wid printy

Again, iterate through the entire list until null ptr is found.

However, this time we prind out val at each step and only

stop once next == null ptr.

Tests: print a list with: 2+ entries

I entry

All of Mex should be 0 entries.

hardled without issue.

Member variables: int size
Hash Node** table—head Hash Table: Member functions: Hash Table () wid insert (string new-val) bool contains (string new wal) int hash (string new-val) variable table head is a pointer to an array of Hash Nodes size size was rest MATAN SASSAN very simple bash function int hosh (string new-val): that refuns the leight of return new_val. size() %. size the string model by size. Tests: insert "" " null ptr", "hells" void insert (string new-val): int n = hash (new-val) if table_headlast= nullptr | bable_head [n] = new Hash Node (new_val) 0/se I table_head [1] -> insert(new_val) Tests; check the something bool contains (string new val): known to be in list, int n = hash(new-val) Hash Node* arrend = table_head [n] while current != nullptr check something known if current-> val == newval to be in list, mid level I return true wreat = wreat -> next check something benown return false

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0

not to be in list.