Start

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5 - List hash sequence.

6 - List alpha-order.

7 - Print bst.

8 - Print efficiency

demonstrate invalid range

demonstrate invalid input

Add

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1 - Try to add something that already exists.

1 - Add something (demonstrate that date isn’t necessarily a date)

5 - List hash sequence

6 - List alpha order

7 - Print BST

8 - Print efficiency

Find/Edit

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3 - Try to find an item that doesn’t exist.

3 - Search for ‘cat food’

4 - Try to edit an item that doesn’t exist.

4 - Edit ‘cat food’ so that the store is ‘petsmart’ and so that the cost is

9 - Print by store - ‘petsmart’

4 - Edit white bread to banana bread.

7 - Print bst.

Print By Store

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9 - Enter a store name that doesn’t exist.

9 - Enter ‘costco’

Delete

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2 - Attempt to delete an item that doesn’t exist.

2 - Delete an item (‘hot dogs’).

7 - Print bst.

Write to file

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1/2 - add or delete several items.

10 - exit program

restart program

9 - print by store ‘petsmart’ - show that cat food is still modified

Collision resolution (Extreme example… should be demonstrated by hash seq print)

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Delete data file.

1 - Add ‘Cat food’

1 - Add ‘Cheerios’

1 - Add ‘Hamburger’

5 - Print hash sequence

8 - Print efficiency

1 - Add ‘Power Drill’

2 - Add ‘Bacon’

3 - Add ‘Palmiers’

4 - Add ‘Salt’

5 - Print hash sequence

8 - Print efficiency

Other demonstrations

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case insensitivity

whitespace trimming