

neildandekar@Neils-MBP lab3 % ./a.out
Welcome to Lab 3 - Lists, Stacks, and Queues
Created by Xi and Neil

SINGLY_LINKED_LIST:

77.77 Krone	44.55 Krone	111.22 Krone	68.99 Krone	87.43 Krone	23.44 Krone	57.12 Krone
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SinglyLinkedList search:

Searching for Kr 87.43: 4

Searching for Kr 44.56: -1

SinglyLinkedList remove:

Remove node "Kr 111.22"

Remove node at index 2

77.77 Krone	44.55 Krone	87.43 Krone	23.44 Krone	57.12 Krone
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SinglyLinkedList add and remove:

Add Currencies 9, 10, 11, 12 at index % 5

Remove Currency at index countCurrency() % 6

Remove Currency at index countCurrency() / 7

345.67 Krone	77.77 Krone	87.43 Krone	543.21 Krone	20.21 Krone	23.44 Krone	57.12 Krone
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STACK:

151.00 Krone	251.00 Krone	1.00 Krone	51.00 Krone	21.00 Krone	11.00 Krone	101.00 Krone
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Stack peek:

151.00 Krone

Stack pop (x3):

51.00 Krone	21.00 Krone	11.00 Krone	101.00 Krone
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Stack push and pop:

Push Currencies 1, 2, 3, 4, 5

Pop (x2)

87.43 Krone	23.44 Krone	57.12 Krone	51.00 Krone	21.00 Krone	11.00 Krone	101.00 Krone
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QUEUE:

44.55 Krone	18.36 Krone	20.21 Krone	36.18 Krone	101.00 Krone	21.00 Krone	1.00 Krone
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Queue peek:

Peek front: 44.55 Krone

Peek rear: 1.00 Krone

Queue dequeue (x2):

20.21 Krone	36.18 Krone	101.00 Krone	21.00 Krone	1.00 Krone
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Queue enqueue and dequeue:

Enqueue Currencies 10, 11, 12, 13, 14

Dequeue (x5)

21.00 Krone	1.00 Krone	345.67 Krone	36.18 Krone	48.48 Krone	101.00 Krone	11.00 Krone
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Thank you for using our program.

Neil and Xi -02.16.2023