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Quiz3A Part1.

It is a circular singly-linked list:

1. add a value to an empty list; input: 10; size of list should be 1; print the list which should contain only 10
2. add a value to the list; input: 5; size of list should be 2; print the list which should contain 10 and 5.
3. add a third value to the list; input: 8; size of list should be 3; print the list which should contain 10, 5, and 8.
4. get the value in index 3; input: 3; size of list should be 3; should output -1 because the list only has 0,1,2 position.
5. print the list; size of list should be 3; should get 10 5 8.
6. get the value in index 2; input: 2; size of list should be 3; should output 8.
7. remove a value from the list; input: 10; size of the list should be 2; nothing should be printed or returned.
8. get index 0; input:0; size of the list should be 2; should return 5.
9. print the list; size of list should be 2; should get 5 8.
- 10.remove the last element of the tail; input:8; size of the list should be 2; nothing should be returned.
- 11.print the list. size of list should be 1; Should get 5.
- 12.remove the only element in the list; input: 5; size of the list should be 0; nothing should be returned.
- 13.print the list. size of list should be 0; Should get nothing.