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History
*/import java.util.*;
public class Main {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        // Create an ArrayList and a LinkedList
        List<Integer> arrayList = new ArrayList<>();
        List<Integer> linkedList = new LinkedList<>();

        System.out.println("\nChoose an operation:");
        System.out.println("1. Add an element");
        System.out.println("2. Remove an element");
        System.out.println("3. Display lists");
        System.out.println("4. Exit");
        while (true) {
            System.out.print("\nEnter your choice:");
            int choice = scanner.nextInt();
            switch (choice) {
                case 1:
                    System.out.print("Enter number to add: ");
                    int num = scanner.nextInt();
                    arrayList.add(num);
                    linkedList.add(num);
                    System.out.println(num + "added to both lists.");
                    break;
                case 2:
                    if (arrayList.isEmpty() || linkedList.isEmpty()) {
                        System.out.println("Lists are empty! Nothing to remove.");
                    } else {
                        System.out.print("Enter number to remove:");
                        int removeNum = scanner.nextInt();
                        arrayList.remove(Integer.valueOf(removeNum));
                        linkedList.remove(Integer.valueOf(removeNum));
                        System.out.println(removeNum + "removed from both lists.");
                    }
                    break;
                case 3:
                    System.out.println("ArrayList: " + arrayList);
                    System.out.println("LinkedList: " + linkedList);
                    break;
                case 4:
                    System.out.println("Exiting...");
                    scanner.close();
                    return;
                default:
                    System.out.println("Invalid choice! Try again.");
            }
        }
    }
}
```

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}  
}  
}
```

Choose an operation:

1. Add an element
2. Remove an element
3. Display lists
4. Exit

Enter your choice:3

ArrayList: []

LinkedList: []