```java
package com.wipro;

import java.util.HashSet;


public class RemoveDuplicate {
    public static void removeDuplicates(ListNode head) {
        if (head == null) {
            return;
        }

        HashSet<Integer> seenValues = new HashSet<>();
        ListNode current = head;
        ListNode prev = null;

        while (current != null) {
            if (seenValues.contains(current.value)) {
                prev.next = current.next;  // Remove the current node
            } else {
                seenValues.add(current.value);
                prev = current;
            }
            current = current.next;
        }
    }

    public static void main(String[] args) {
        // Create a linked list 1 -> 2 -> 3 -> 2 -> 4 -> 3 -> 5
        ListNode node1 = new ListNode(1);
        ListNode node2 = new ListNode(2);
        ListNode node3 = new ListNode(3);
        ListNode node4 = new ListNode(2);
        ListNode node5 = new ListNode(4);
        ListNode node6 = new ListNode(3);
        ListNode node7 = new ListNode(5);
        node1.next = node2;
        node2.next = node3;
        node3.next = node4;
        node4.next = node5;
        node5.next = node6;
        node6.next = node7;

        System.out.println("Original list:");
        printList(node1);

        removeDuplicates(node1);

        System.out.println("List after removing duplicates:");
        printList(node1);
    }

    public static void printList(ListNode head) {
        ListNode current = head;
        while (current != null) {
            System.out.print(current.value + " ");
            current = current.next;
        }
}
```

```java
        System.out.println();
    }
}
```

```java
1   package com.wipro;
2
3   import java.util.HashSet;
4
5
6   public class RemoveDuplicate {
7       public static void removeDuplicates(ListNode head) {
8           if (head == null) {
9               return;
10          }
11
12          HashSet<Integer> seenValues = new HashSet<>();
13          ListNode current = head;
14          ListNode prev = null;
15
16          while (current != null) {
17              if (seenValues.contains(current.value)) {
18                  prev.next = current.next;  // Remove the current node
19              } else {
20                  seenValues.add(current.value);
21                  prev = current;
22              }
23              current = current.next;
24          }
25      }
26
27      public static void main(String[] args) {
28          // Create a linked list 1 -> 2 -> 3 -> 2 -> 4 -> 3 -> 5
29          ListNode node1 = new ListNode(1);
```

Outline ✕
- com.wipro
- RemoveDuplicate
  - removeDuplicates(ListNode) : void
  - main(String[]) : void
  - printList(ListNode) : void

Markers Properties Terminal Console ✕ Coverage

<terminated> RemoveDuplicate [Java Application] C:\Users\Nikita\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\javaw.exe (Jun 4, 2024, 11:23:36 AM – 1

```
Original list:
1 2 3 2 4 3 5
List after removing duplicates:
1 2 3 4 5
```