

```
1  package assignmentMidterm02;
2
3  // Please see README.txt
4  // We will go over the answers in class.
5  // Thank you.
6
7  import java.util.LinkedList;
8
9  public class MidtermExam02B6_2 {
10
11     public static void main(String[] args) {
12
13         LinkedList<String> listA = new LinkedList<>();
14         listA.add("A");
15         listA.add("B");
16         listA.add("C");
17         listA.add("D");
18         listA.add("E");
19         listA.add("F");
20
21         LinkedList<String> listB = new LinkedList<>();
22         listB.add("F");
23         listB.add("E");
24         listB.add("D");
25         listB.add("C");
26         listB.add("B");
27         listB.add("A");
28
29         int size = listA.size();
30         for (int i = 0; i < size; i++) {
31             if (listA.removeFirst().compareTo(listB.removeLast()) != 0) {
32                 System.out.println("listA is NOT the reverse of listB");
33                 return;
34             }
35         }
36         System.out.println("listA is the reverse of listB");
37     }
38 }
39
```