

a) public boolean isEqual (List list1, List list2) {

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for (int i = 0; i < list1.size(); i++) {

if (i != list2.indexOf(list1.get(i)) {
return false;

}

}

return true;

}

b)

public boolean isEqual (List list) {

return isEqual (root, list, 0);

}

private boolean isEqual (Node<E> node, List list, int i) {

if (i == list.size() && node == null) return true;

else if (i < list.size() && node != null && node.data.equals(list.get(i)) {

return isEqual (node.next, list, i+1);

}

else {

return false;

}

}