Practice-It and ListNode

1. For simplicity, Practice-It uses this non-standard ListNode class:

public class ListNode

{

|  |  |
| --- | --- |
|  |  |

public int data;

public ListNode next;

public ListNode()

{

data = null;

next = null;

}

public ListNode(int x)

{

data = x;

next = null;

}

public ListNode(int x, ListNode next)

{

data = x;

this.next = next;

}

}

1. Using Practice-It's ListNode class, write code that appends a ListNode whose value is 3 at the end of the given list. (No need to write for a general case.)

2

list

1

list.next,next = new ListNode(3);

1. If Practice-It! requires you to "throw an exception" use code like this:

          if( n < 0 ) throw new IllegalArgumentException();

1. Go to the Practice-It website at: <http://practiceit.cs.washington.edu/>

After you log in, click on **Start Practicing!**

Select **Building Java Programs, 5th Edition**

Select **BJP5 Chapter 16: Linked Lists**

Your assignment today is to solve all the BJP5 Self-checks and BJP5 Exercises 16.1 - 16.6.

