

Node.java

```
1 package MULTISSET;
2
3 import java.io.*;
4
5
6 /** This class represents a node in a sequentially-linked structure representing
    a
7  * collection of objects of type E.
8  *
9  * @author D. Hughes
10 *
11 * @version 1.0 (Mar. 2010) */
12
13 class Node <E> implements Serializable {
14
15
16     E    item; // the item in the stack
17     Node<E> next; // the next node in the list
18
19
20     /** This constructor creates a new node for the sequentially-linked structure
21      * representing a collection.
22      *
23      * @param i the item in the node.
24      * @param n the next node in the list. */
25
26     public Node ( E i, Node<E> n ) {
27
28         item = i;
29         next = n;
30
31     }; // constructor
32
33
```

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```
34} // Node
```