

```

1 package MULTISSET;
2 public class Iterator<E extends Keyed> implements java.util.Iterator<E> {
3     int size;
4     E[] arr;
5     int count;
6     public Iterator(E[] arr, int count) {
7         this.arr = arr;
8         this.size = count;
9         count = 0;
10    }
11    @SuppressWarnings("unchecked")
12    public Iterator(Node<E> set, int count) {
13        Keyed[] temp = new KeyedChar[count];
14        int i = 0;
15        Node<E> p = set;
16        while (p != null) {
17            temp[i] = new KeyedChar(p.item.getKey().charAt(0));
18            p = p.next;
19            i++;
20        }
21        this.arr = (E[])temp;
22        this.size = count;
23        count = 0;
24    }
25    public boolean hasNext() {
26        return count < size;
27    }
28    public E next() {
29        if (!hasNext()) throw new NoSuchElementException();
30        return arr[count++];
31    }
32    public void remove() {
33        throw new UnsupportedOperationException();
34    }
35 }

```