

```
1 public class SkipQueue<T> {
2     PrioritySkipList<T> skiplist;
3     public SkipQueue() {
4         skiplist = new PrioritySkipList<T>();
5     }
6     public boolean add(T item, int score) {
7         Node<T> node = (Node<T>)new Node(item, score);
8         return skiplist.add(node);
9     }
10    public T removeMin() {
11        Node<T> node = skiplist.findAndMarkMin();
12        if (node != null) {
13            skiplist.remove(node);
14            return node.item;
15        } else{
16            return null;
17        }
18    }
19 }
```

FIGURE 15.14 The SkipQueue<T> class.