

```

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.