

```
1
2 package adt;
3
4 /**
5  *
6  * @author Chew Lip Sin
7  * @param <T>type of elements stored in the stack.
8  */
9 public interface OrderClause<T> {
10
11     /** A constant representing moving a record to the front. */
12
13     public static final int MOVE_FORWARD = -1;
14     /** A constant representing moving a record to the back. */
15
16     public static final int MOVE_BACKWARD = 1;
17
18     /**
19      * Compares two records.
20      *
21      * @param t1 The first record to compare.
22      * @param t2 The second record to compare.
23      * @return A value indicating the comparison result. Returns
24      *         {@link #MOVE_FORWARD} if t1 should move to the front,
25      *         {@link #MOVE_BACKWARD} if t1 should move to the back, or other values
26      *         based on specific comparison logic.
27      */
28     int compare(T t1, T t2);
29 }
```