Sorting in Java

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| **Comparable** interface | **Comparator** interface |
| int compareTo(Object obj) method | int compare(Object obj1, Object obj2) method |
| java.**lang.**Comparable | java.**util.**Comparator |
| Only one sort sequence | Many sort sequences |
| Class whose objects to be sorted must implement this interface. | Class whose objects to be sorted do not need to implement this interface. Some other class can implement this interface. |
| Sorting logic must be in same class whose objects are being sorted. Hence this is called natural ordering of objects | Sorting logic is in separate class. Hence we can write different sorting based on different attributes of objects to be sorted. E.g. Sorting using Name, Age, etc. |

Please see the practical example for above points in my com.javaInterview.sort\_search package…