

Convert HashSet to a sorted TreeSet

```
Set<String> mySet = ZoneId.getAvailableZoneIds();
System.out.println("This set is of type " + mySet.getClass().getName());
System.out.println();

//Output the unsorted data
for (String s : mySet) {
    System.out.println(s);
}

Set<String> mySortedSet = new TreeSet<>(mySet);
```

Convert a HashSet to an ArrayList

```
public class HashSetToArrayList {

    public static void main(String[] args) {

        Set<String> hashset = new HashSet<String>();
        hashset.add("A");
        hashset.add("B");
        hashset.add("C");
        List<String> list = new ArrayList<String>(hashset);
        System.out.println(list.toString());

    }
}
```

Sorted Set Descending order By TreeSet and Comparator

```
public static void main(String... args){
    Set<Integer> random = new HashSet<Integer>();
    for (int i = 0; i < 10; i++) {
        random.add((int) (Math.random() * 100));
    }

    System.out.println("Initial Set: " + random);
    Set<Integer> sorted = new TreeSet<Integer>(new Comparator<Integer>() {
        @Override
        public int compare(Integer o1, Integer o2) {
            return o2.compareTo(o1);
        }
    });

    sorted.addAll(random);

    System.out.println("Sorted Set: " + sorted);

}
```