**Java-8 – Collection Comparator compare method**

* **Note:**

Tutorial 12 and 13 talks about List, Set and Map. Tutorial 14 talks about Comparator and 15 talks about how to implement Comparator without Lambda Expression. So, omitted those.

* **Comparator without Lambda Expression:**

class MyCompartor implements Comparator<Integer>{

public int compare(Integer I1, Integer I2){

return (I1>I2> ? -1: (I1 < I2) ? 1: 0;

}

}

ArrayList<Integer> l = new ArrayList<Integer>();

l.add(10);

l.add(0);

l.add( 15);

l.add(5);

l.add(20);

System.out.println(“Before sorting:”+l);

Collections.sort(l, new MyComparator());

System.out.println(“After sorting:”+l);

* **Comparator with Lambda Expression:**

ArrayList<Integer> l = new ArrayList<Integer>();

l.add(10);

l.add(0);

l.add(15);

l.add(5);

l.add(20);

System.out.println(“Before sorting:”+l);

Collections.sort(l, (I1, I2) -> (I1> I2) ? -1 : (I1 < I2) ? 1: 0));