**Java-8 – Sorting TreeMap with Lambda Expression**

* **Sorting TreeMap without Lambda Expression:**

class Test{

TreeMap<Integer, String> t = new TreeMap<Integer, String>();

t.put(100, “Durga”);

t.put(600, “Sunny”);

t.put(300, “Bunny”);

t.put(200, “Chinny”);

t.put(700, “Vinny”);

t.put(400, “Pinny”);

System.out.println(t);

// {100=Durga, 200=Chinny, 300=Bunny, 400=Binny, 600=Sunny, 700=Vinny}

}

Note: As like TreeSet even TreeMap has two constructors, one for natural sorting another for customized sorting.

* **Sorting TreeMap with Lambda Expression:**

class Test{

TreeMap<Integer, String> t = new TreeMap<Integer, String>((I1, I2) -> (I1 > I2) ? -1 : (I1 < I2) ? 1: 0);

t.put(100, “Durga”);

t.put(600, “Sunny”);

t.put(300, “Bunny”);

t.put(200, “Chinny”);

t.put(700, “Vinny”);

t.put(400, “Pinny”);

System.out.println(t);

// {700=Vinny , 600=Sunny, 400=Binny, 300=Bunny ,200=Chinny, 100=Durga}

}