|  |  |  |  |
| --- | --- | --- | --- |
| Collection classes |  |  |  |
| ArrayList<Product> | indexOf, remove(ob), contains, containsall | Add equals method in product class |  |
| HashSet<Product> | add, remove, contains, containsAll | Add hashcode and equals method in Product class |  |
| TreeSet | add, remove, contains | Add CompareTo in Product and use implements Comparable if you want to sort only on price in all available TreeSets |  |
|  |  | But If you want to arrange on different fields then use Comparator and create separate class implements Comparator and add compare(Object ob,Object Ob1) | Create Treeset as follows  TreeSet<Product> t11=new TreeSet<Product>(new MyPriceComparator()); |
| HashMap | If key is Integer or String no need to add any Method in Product class |  |  |
|  | But if Product class Object is key then add hashCode and equals method in Product class |  |  |
| TreeMap | If key is Integer or String no need to add any Method in Product class |  |  |
|  | But if Product class Object is key then add compareTo Method and implements Comparable interface |  |  |

