

```

        ts.add("A");
        ts.add("Z");
        ts.add("L");
        ts.add("B");
        ts.add(null); //NullPointerException
        ts.add(10); //ClassCastException

        System.out.println(ts); //[A,B,L,Z]
    }
}

```

Note:

If we are keeping the data inside TreeSet object, then the data should be
 a. Homogenous ==> because it uses compareTo() to sort the

Object

b. The object should compulsorily implements an interface called

"Comparable".

if we fail to do so , it would result in

"ClassCastException".

eg#2.

```

import java.util.*;
class Test
{
    public static void main(String[] args)
    {
        //Sorting of objects will happen based on default natural sorting order
        TreeSet ts = new TreeSet();

        ts.add(new StringBuffer("A"));
        ts.add(new StringBuffer("Z"));
        ts.add(new StringBuffer("L"));
        ts.add(new StringBuffer("B"));

        System.out.println(ts); //ClassCastException
    }
}

```

note: All Wrapper classes and String class has implemented "Comparable" interface.
 StringBuffer class has not implemented Comparable interface, so the
 above program would
 result in "ClassCastException".