|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ArrayList | Insertion order | Unsynchronized | Allowed | Any number nulls |  |
| LinkedList | Insertion order | Unsynchronized | Allowed | Any number nulls |  |
| HashSet | None | Unsynchronized | No | Single null |  |
| LinkedHashSet | Insertion order | Unsynchronized | No | Single null |  |
| TreeSet | Sorting order | Unsynchronized | No | Not allowed |  |
| HashMap | Not insertion order | Unsynchronized | No | One null key, any number null values |  |
| LinkedHashMap | Insertion order | Unsynchronized | No | One null key, any number null values |  |
| TreeMap | Sorting order | Unsynchronized | No | Not allowed |  |

TreeMap and TreeSet enforce a natural sorting order, and therefore cannot allow nulls because they don’t follow any sort of sorting order.