| ArrayList     | Insertion<br>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      |
| TreeMap       | Sorting order      | Unsynchronized | No      | Not allowed      |

The only way to sort hashmap with comparator or comparable is to dump it in to a list sort it and reinsert it to a different hashmap.

| LinkedHashMap | Insertion | Unsynchronized | No | One null key, |
|---------------|-----------|----------------|----|---------------|
|               | order     |                |    | any number    |
|               |           |                |    | null values   |
|               |           |                |    |               |

Using iterator.remove() you can remove elements while the program iterates through all elements

| HashMap | Not insertion | Unsynchronized | No | One null key, |
|---------|---------------|----------------|----|---------------|
|         | order         |                |    | any number    |
|         |               |                |    | null values   |
|         |               |                |    |               |