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| Fail fast Iterator | Fail Safe Iterator |
| **Fail-Fast** Iterators **does not allow** us to make any **modification** to the collection while iterating | **Fail-Safe** Iterators **allows** us to **modify** to the collection while iterating |
| Throws **ConcurrentModificationException** when the collection is modified | **Does not** throw **ConcurrentModificationException** when the collection is modified |
| Uses the **original collection** for the iteration | Uses the **snapshot of the collection** for the iteration |
| We are allowed to **modify the collection** using the **iterator instance** | We are **not allowed** to modify the collection using the **iterator instance** |
| It **does not** need **additional memory** as the iteration happens on the original collection | Requires **additional memory**, as it takes a **snapshot** of the **original collection** |
| **Example:** Iterators of **ArrayList, HashMap, LinkedList, Vector** | **Example:** Iterators of **CopyOnWriteArrayList, ConcurrentHashMap, ConcurrentMap** |