**Concurrent Collection– Part\_02**

* **Difference between traditional and concurrent Collections:**

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| **S.No** | **Traditional Collection** | **Concurrent Collection** |
| 1 | Not thread-safe | Thread-safe |
| 2 | Performance is low | Relatively performance is high |
| 3 | It will throw ConcurrentModificationException, when one thread iterating the collection and another thread tries to update the same collection. | We can do the read and update simultaneously safely and it won’t throw ConcurrentModificationException. |
|  |  | This is useful for highly scalable concurrent application, that is an application uses huge number of threads. |

* **Important concurrent Collection:**

1. ConcurrentHashMap
2. CopyOnWriteArrayList
3. CopyOnWriteArraySet