

FAIL FAST AND FAIL SAFE

➤ Fail fast:-

```
➤ static void failFast() {  
    List<String> list = new ArrayList<>();  
    list.add("one");  
    list.add("two");  
    list.add("three");  
  
    Iterator<String> iterator = list.iterator();  
    while (iterator.hasNext()) {  
        String value = iterator.next();  
        System.out.println(value);  
  
        list.add("four"); // concurrentModificationEx  
    }  
}
```

➤ Fail safe:-

```
➤ static void failSafe() {  
    CopyOnWriteArrayList<String> list = new CopyOnWriteArrayList<>();  
    list.add("one");  
    list.add("two");  
    list.add("three");  
  
    Iterator<String> iterator = list.iterator();  
    while (iterator.hasNext()) {  
        String value = iterator.next();  
        System.out.println(value);  
  
        list.add("four");  
    }  
  
    System.out.println(list);  
}
```