**Iterating over a Map** and **adding/removing entries at the same time** will **result in a ConcurrentModificationException for most Map classes**. And for the Map classes that don't (eg. **ConcurrentHashMap**), there is **no guarantee that an iteration will visit all entries**.

To suppress exception, we can do the following while iterating:

* **use the Iterator.remove()** **method to remove the current entry**
* **use the Map.Entry.setValue()** method **to modify the current entry's value**.

