

```
import java.util.Collection;
import java.util.HashSet;
import java.util.Iterator;

class SimpleIterator {

    public static void removeLongStrings(Collection<String> c, int maxLen) {
        Iterator<String> it = c.iterator();
        while (it.hasNext()) {
            String str = it.next();
            if (str.length() > maxLen) {
                it.remove();
            }
        }
    }

    public static void brokenRemoveLongStrings(Collection<String> c, int maxLen) {
        for (String str : c) {
            if (str.length() > maxLen) {
                c.remove(str); // error: removing element inside for-each
            }
        }
    }

    public static void main(String[] args) {
        Collection<String> bag = new HashSet<String>();
        bag.add(new String("Some text"));
        bag.add(new String("Some longer text"));
        bag.add(new String("Some very very very long text"));

        System.out.println(bag);

        removeLongStrings(bag, 15);
        // brokenRemoveLongStrings(bag, 15); commented out to avoid exception

        System.out.println(bag);
    }
}
```