

JAVA EXAMPLES - COLLECTION REMOVAL

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Problem Description:

How to remove a specific element from a collection?

Solution:

Following example demonstrates how to remove a certain element from a collection with the help of collection.remove method of Collection class.

```
import java.util.*;

public class CollectionTest {
    public static void main(String [] args) {
        System.out.println( "Collection Example!\n" );
        int size;
        HashSet collection = new HashSet ();
        String str1 = "Yellow", str2 = "White", str3 =
"Green", str4 = "Blue";
        Iterator iterator;
        collection.add(str1);
        collection.add(str2);
        collection.add(str3);
        collection.add(str4);
        System.out.print("Collection data: ");
        iterator = collection.iterator();
        while (iterator.hasNext()){
            System.out.print(iterator.next() + " ");
        }
        System.out.println();
        collection.remove(str2);
        System.out.println("After removing [" + str2 + "]\n");
        System.out.print("Now collection data: ");
        iterator = collection.iterator();
        while (iterator.hasNext()){
            System.out.print(iterator.next() + " ");
        }
        System.out.println();
        size = collection.size();
        System.out.println("Collection size: " + size + "\n");
    }
}
```

Result:

The above code sample will produce the following result.

```
Collection Example!

Collection data: Blue White Green Yellow

After removing [White]

Now collection data: Blue Green Yellow

Collection size: 3
```

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