COPYONWRITEARRAYSET

- (1) Characteristic of copyonwriteArraySet?
 - > Thread safe.
 - > copy on write mechanism.
 - > No duplicate elements
 - > Iterators do not reflect modifications during iteration.

Ex-

```
public static void main(String[] args) {
   copySet.add(10);
   copySet.add(30);
   System.out.println("Initial Set: " + copySet);
   copySet.add(20);
   System.out.println("After removing 30: " + copySet);
   boolean contains40 = copySet.contains(40);
   System.out.println("Iterating using iterator:");
   System.out.println("After modification during iteration: " + copySet);
```

```
System.out.println("Iterating using enhanced for loop:");
for (Integer value : copySet) {
    System.out.println(value);
}

// Checking the size of the CopyOnWriteArraySet
int size = copySet.size();
System.out.println("Size of the set: " + size);
}
```