```java
import java.util.Arrays;

import java.util.HashSet;

import java.util.Set;


public class RemoveDuplicates {

    public static void main(String[] args) {


        int[] arr = {2, 1, 3, 5, 5, 3, 2, 7, 2, 8, 7, 5};


        int[] result = removeDuplicates(arr);


        System.out.println("Array after removing duplicates and sorting:");

        System.out.println(Arrays.toString(result));

    }


    public static int[] removeDuplicates(int[] arr) {


        Set<Integer> set = new HashSet<>();


        for (int num : arr) {

            set.add(num);

        }


        Integer[] uniqueArray = set.toArray(new Integer[0]);


        Arrays.sort(uniqueArray);
```

```java
        int[] result = new int[uniqueArray.length];

        for (int i = 0; i < uniqueArray.length; i++) {

            result[i] = uniqueArray[i];

        }


        return result;

    }

}
```