

Session 5 Assignment 2

Problem Statement

2. Write a program to build any collection containing duplicates. Create its copy with all duplicates

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```
import java.util.*;

import java.util.ArrayList;

public class duplicateList {

    public static void main(String[] args) {

        List<String> dupList = new ArrayList<String>();

        dupList = Arrays.asList("A","B","C","D","C","D","B","E");

        System.out.println("List has duplicates : "+dupList);


        Set<String> uniqueList = new HashSet<String>(dupList);

        dupList = new ArrayList<String>(uniqueList);

        System.out.println("Copy of list with no duplicates : "+dupList);

    }

}
```

 Command Prompt

```
C:\My Programs\Assignments\Session5>javac duplicateList.java
```

```
C:\My Programs\Assignments\Session5>java duplicateList
```

```
List has duplicates : [A, B, C, D, C, D, B, E]
```

```
Copy of list with no duplicates : [A, B, C, D, E]
```

```
C:\My Programs\Assignments\Session5>
```