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

Removed

2.2 Code with Comments

```java
package assignments;

import java.util.ArrayList;
import java.util.LinkedHashSet;
import java.util.Set;


public class CollectionDups {

    public static void main(String[] args) {
        ArrayList<Integer>ls=new ArrayList<>();//Using collection getting
values in arraylist
        ls.add(100);
        ls.add(45);
        ls.add(100);
        ls.add(78);
        ls.add(98);
        ls.add(45);
        ls.add(34);
    System.out.println("List of numbers before removing dups :"+ls);
        Set<Integer>set1=new LinkedHashSet<>();//To remove duplicates used
set
        set1.addAll(ls);
        System.out.println("List of numbers after removing dups :"+set1);
    }

}
```

2.3 Explanation of the code

Using collection I got the values in the array list. For removing duplicates I used set since set ignore the duplicate values.

2.4 Output

```java
 1 package assignments;
 2
 3 import java.util.ArrayList;
 4 import java.util.LinkedHashSet;
 5 import java.util.Set;
 6
 7
 8 public class CollectionDups {
 9
10     public static void main(String[] args) {
11         ArrayList<Integer>ls=new ArrayList<>();//Using collection getting values in arraylist
12         ls.add(100);
13         ls.add(45);
14         ls.add(100);
15         ls.add(78);
16         ls.add(98);
17         ls.add(45);
18         ls.add(34);
19         System.out.println("List of numbers before removing dups :"+ls);
20         Set<Integer>set1=new LinkedHashSet<>();//To remove duplicates used set
21         set1.addAll(ls);
22         System.out.println("List of numbers after removing dups :"+set1);
23     }
24 |
25 }
26
```

🔲 Problems @ Javadoc 🔍 Declaration 🖥 Console ⌗ 📥 Git Staging ✦ Gradle Tasks ✦ Gradle Executions

<terminated> CollectionDups [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (24-Nov-2018, 10:31:55 PM)

```
List of numbers before removing dups :[100, 45, 100, 78, 98, 45, 34]
List of numbers after removing dups :[100, 45, 78, 98, 34]
```