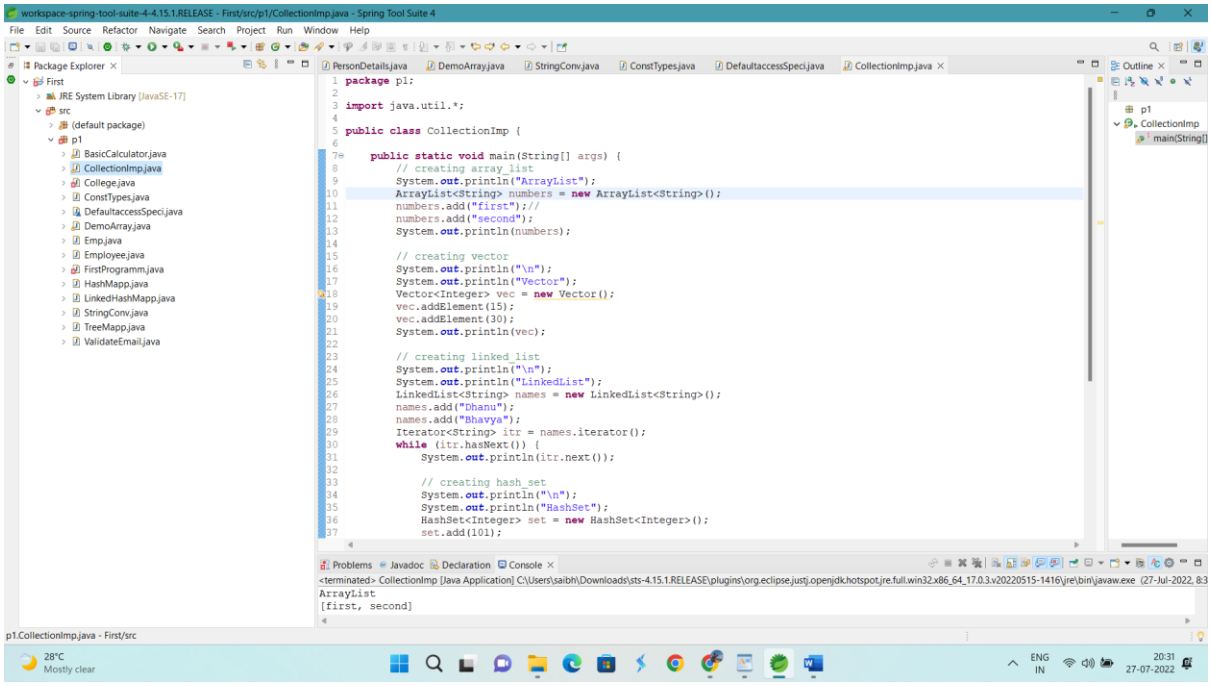
Writing a program in Java to verify the implementation of inner classes

```
package p1;

import java.util.*;

public class CollectionImp {

	public static void main(String[] args) {
		// creating array_list
		System.out.println("ArrayList");
		ArrayList<String> numbers = new ArrayList<String>();
		numbers.add("first");//
		numbers.add("second");
		System.out.println(numbers);

		// creating vector
		System.out.println("\n");
		System.out.println("Vector");
		Vector<Integer> vec = new Vector();
		vec.addElement(15);
		vec.addElement(30);
		System.out.println(vec);

		// creating linked_list
		System.out.println("\n");
		System.out.println("LinkedList");
		LinkedList<String> names = new LinkedList<String>();
		names.add("Dhanu");
		names.add("Bhavya");
		Iterator<String> itr = names.iterator();
		while (itr.hasNext()) {
			System.out.println(itr.next());

			// creating hash_set
			System.out.println("\n");
			System.out.println("HashSet");
			HashSet<Integer> set = new HashSet<Integer>();
			set.add(101);
			set.add(103);
			set.add(102);
			set.add(104);
			System.out.println(set);

			// creating linked_hashset
			System.out.println("\n");
			System.out.println("LinkedHashSet");
			LinkedHashSet<Integer> set2 = new
LinkedHashSet<Integer>();
			set2.add(11);
			set2.add(13);
			set2.add(12);
			set2.add(14);
			System.out.println(set2);
		}
	}
}
```


workspace-spring-tool-suite-4-4.15.1.RELEASE - First/src/p1/CollectionImp.java - Spring Tool Suite 4
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Package Explorer
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(default package)
p1
BasicCalculator.java
CollectionImp.java
College.java
ConstTypes.java
DefaultaccessSpeci.java
DemoArray.java
Emp.java
Employee.java
FirstProgramm.java
HashMapp.java
LinkedHashMapp.java
StringConv.java
TreeMapp.java
ValidateEmail.java
PersonDetails.java
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2
3 import java.util.*;
4
5 public class CollectionImp {
6
7 public static void main(String[] args) {
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9 System.out.println("ArrayList");
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14
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29 Iterator<String> itr = names.iterator();
30 while (itr.hasNext()) {
31 System.out.println(itr.next());
32
33 // creating hash_set
34 System.out.println("\n");
35 System.out.println("HashSet");
36 HashSet<Integer> set = new HashSet<Integer>();
37 set.add(101);
Outline
p1
CollectionImp
main(String[]
Problems Javadoc Declaration Console
<terminated> CollectionImp [Java Application] C:\Users\saibh\Downloads\sts-4.15.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\jre\bin\javaw.exe (27-Jul-2022, 8:3
ArrayList
[first, second]
p1.CollectionImp.java - First/src
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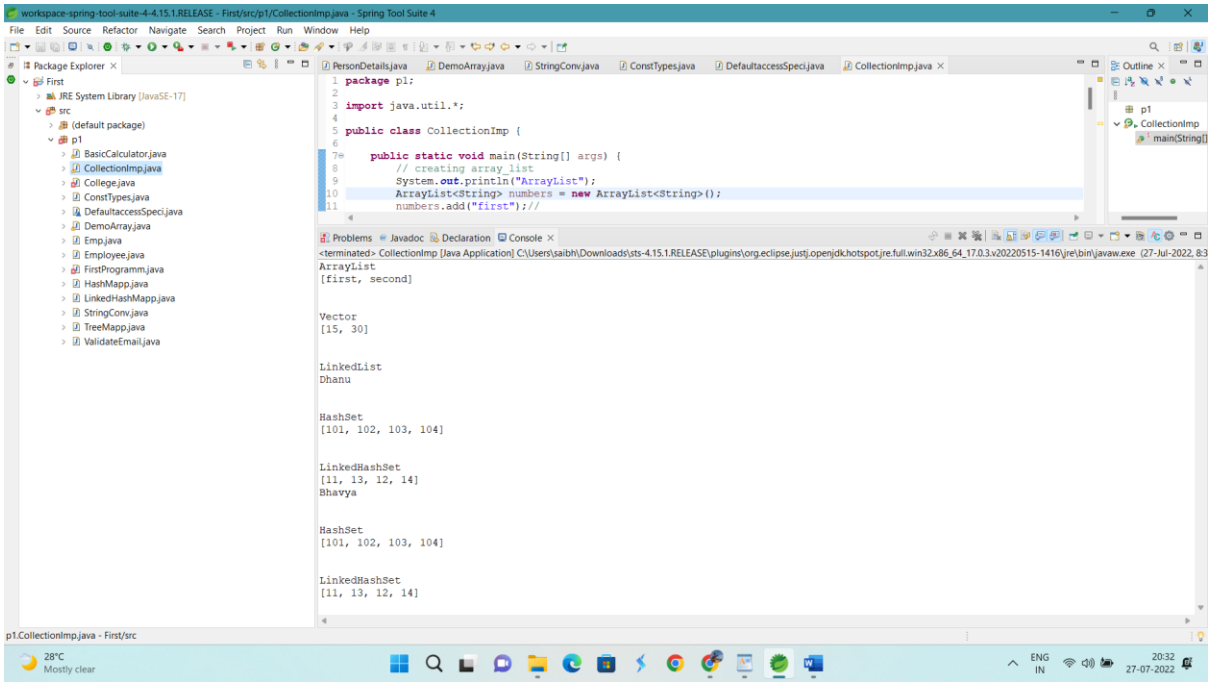
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9 System.out.println("ArrayList");
10 ArrayList<String> numbers = new ArrayList<String>();
11 numbers.add("first");//
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[15, 30]
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[101, 102, 103, 104]
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[11, 13, 12, 14]
Bhavya
HashSet
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