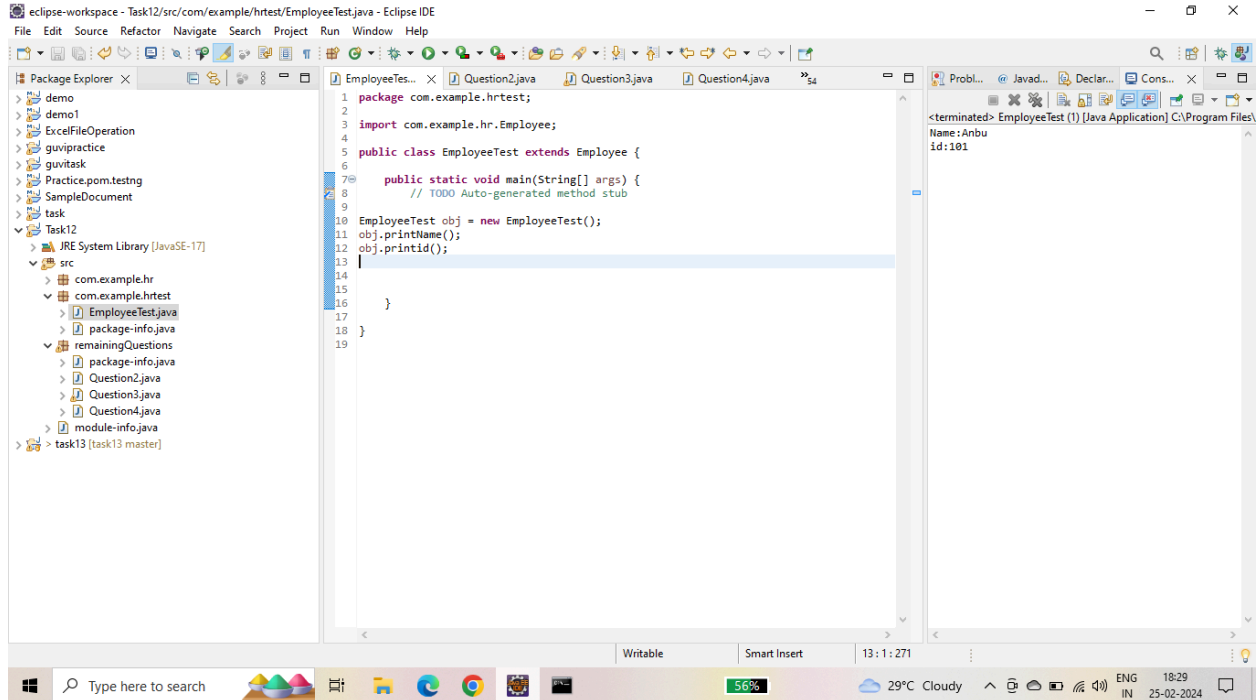


## Task - 12

**Question 1:** Create a package named `com.example.hr` and class name `Employee` with specified field and create another package using an import statement to print output in the console.

**Output:**



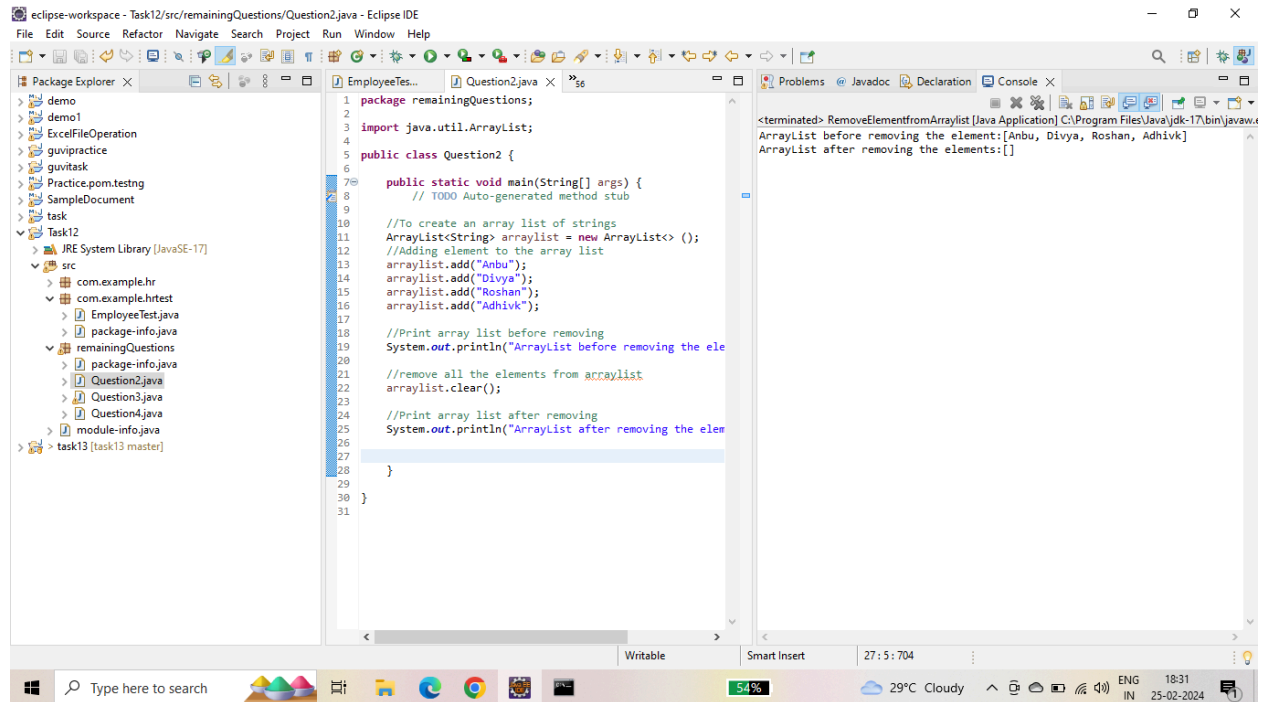
The screenshot shows the Eclipse IDE interface. The Package Explorer on the left displays the project structure with the package `com.example.hr` and the class `EmployeeTest.java`. The main editor shows the source code of `EmployeeTest.java`, which imports `com.example.hr.Employee` and contains a `main` method that creates an `EmployeeTest` object and prints its name and ID. The Console on the right shows the output of the program: `<terminated> EmployeeTest (1) [Java Application] C:\Program Files\Name:Anbu id:101`.

```
1 package com.example.hrtest;
2
3 import com.example.hr.Employee;
4
5 public class EmployeeTest extends Employee {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9
10        EmployeeTest obj = new EmployeeTest();
11        obj.printName();
12        obj.printid();
13    }
14
15 }
16
17
18
19
```

<terminated> EmployeeTest (1) [Java Application] C:\Program Files\  
Name:Anbu  
id:101

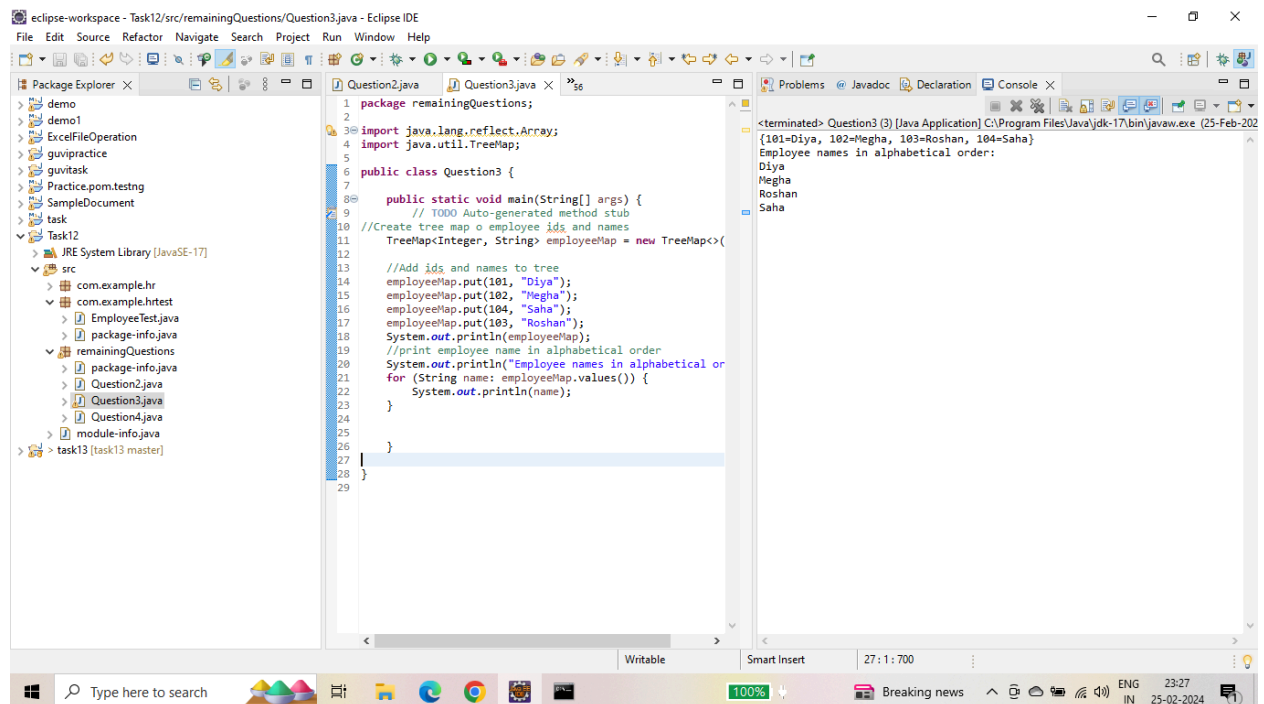
**Question 2:** Create an array list of strings and remove all the elements.

**Output:**



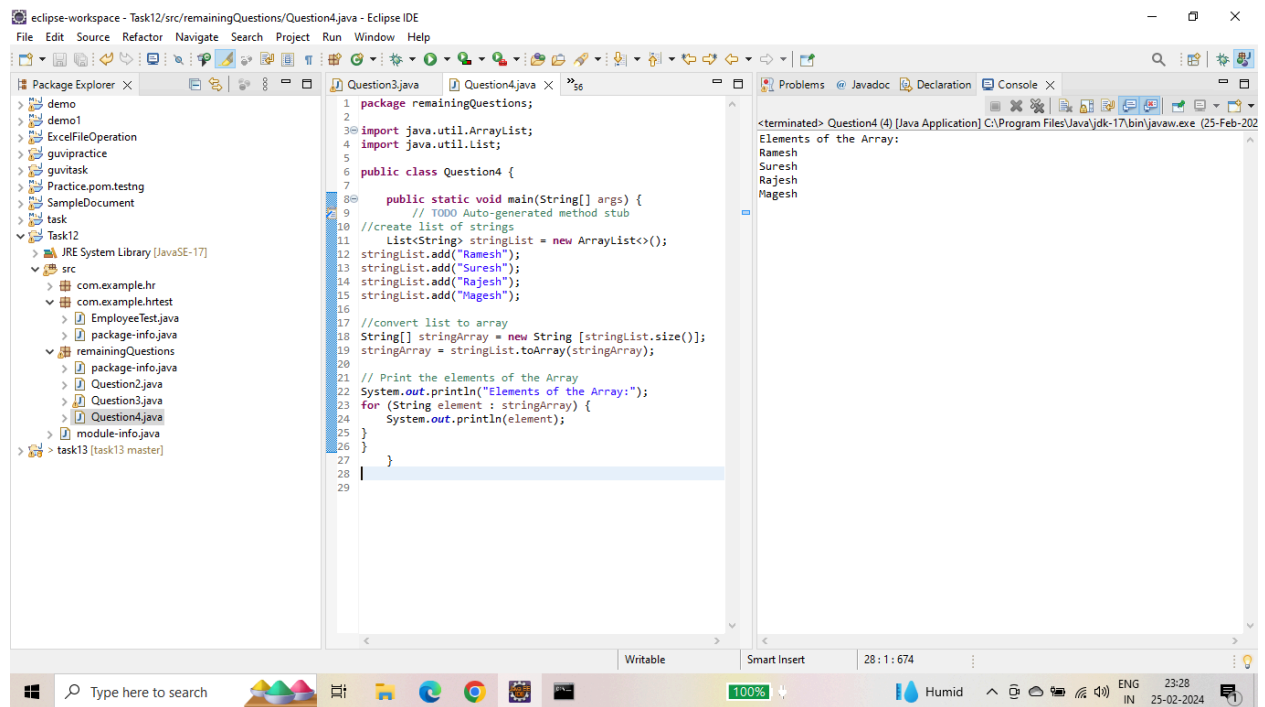
**Question 3: Create tree map of employee ID and names. Then print out names in alphabetical order.**

**Output:**



**Question 4: Program to convert list to array.**

## Output:



The screenshot shows the Eclipse IDE interface. The Package Explorer on the left shows a project structure with a package named 'remainingQuestions' containing 'Question4.java'. The main editor displays the code for 'Question4.java', which is a Java class that creates an ArrayList, adds elements, converts it to an array, and prints the elements. The Console on the right shows the output of the program, which is 'Elements of the Array: Ramesh Suresh Rajesh Magesh'.

```
1 package remainingQuestions;
2
3 import java.util.ArrayList;
4 import java.util.List;
5
6 public class Question4 {
7
8     public static void main(String[] args) {
9         // TODO Auto-generated method stub
10        //create list of strings
11        List<String> stringList = new ArrayList<>();
12        stringList.add("Ramesh");
13        stringList.add("Suresh");
14        stringList.add("Rajesh");
15        stringList.add("Magesh");
16
17        //convert list to array
18        String[] stringArray = new String [stringList.size()];
19        stringArray = stringList.toArray(stringArray);
20
21        // Print the elements of the Array
22        System.out.println("Elements of the Array:");
23        for (String element : stringArray) {
24            System.out.println(element);
25        }
26    }
27
28 }
29
```

<terminated> Question4 (4) [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (25-Feb-2024)  
Elements of the Array:  
Ramesh  
Suresh  
Rajesh  
Magesh

----- Thank you -----