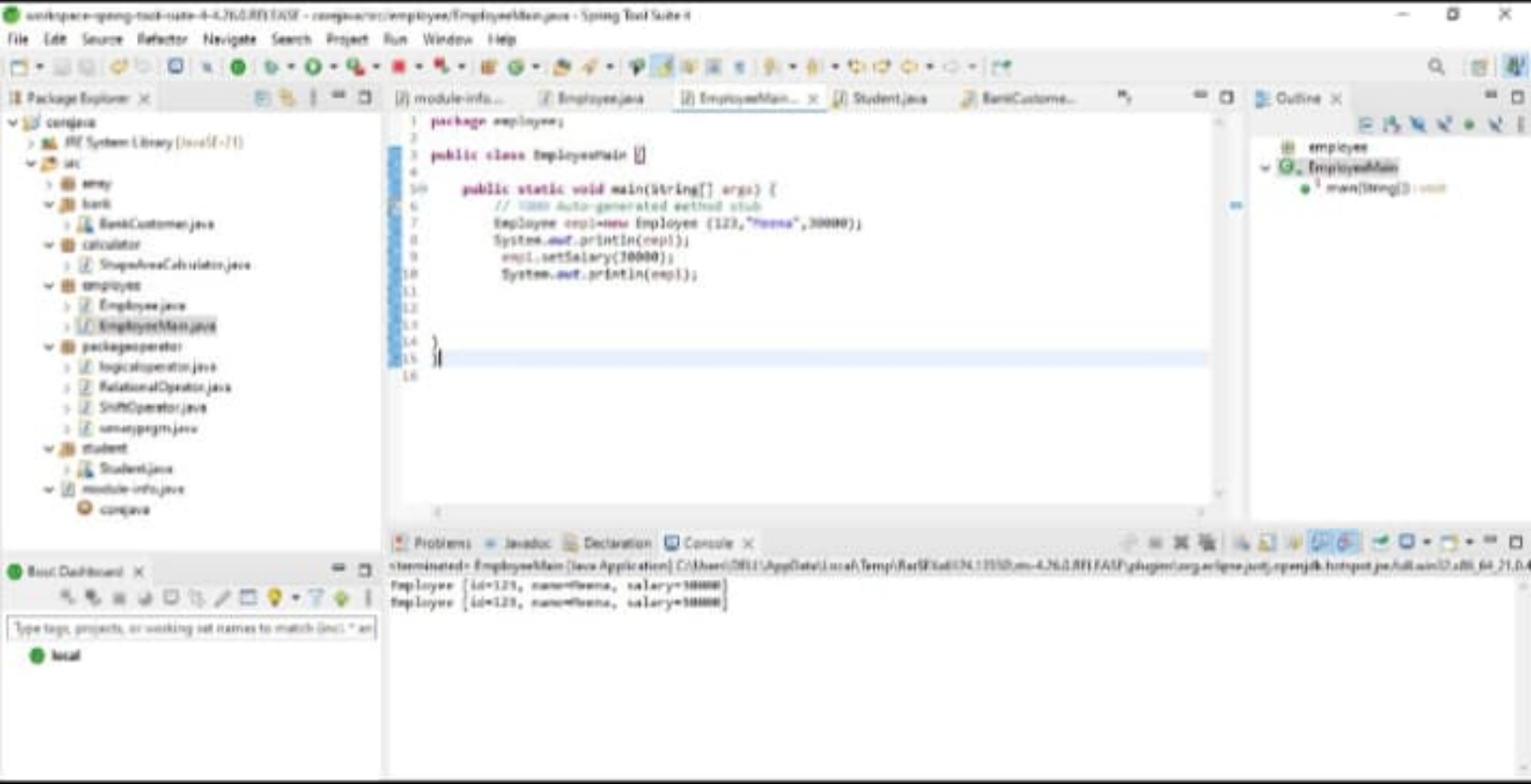
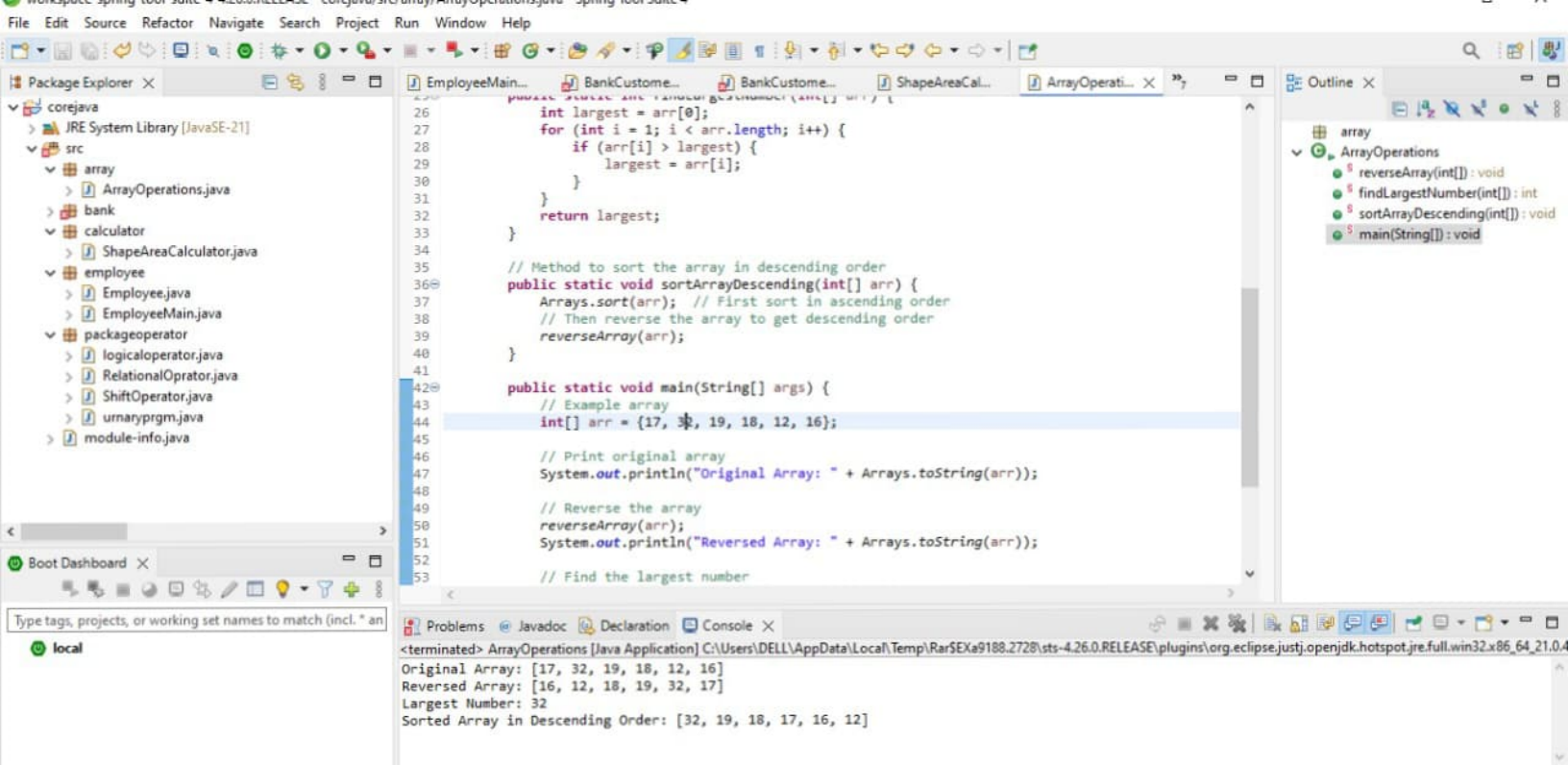
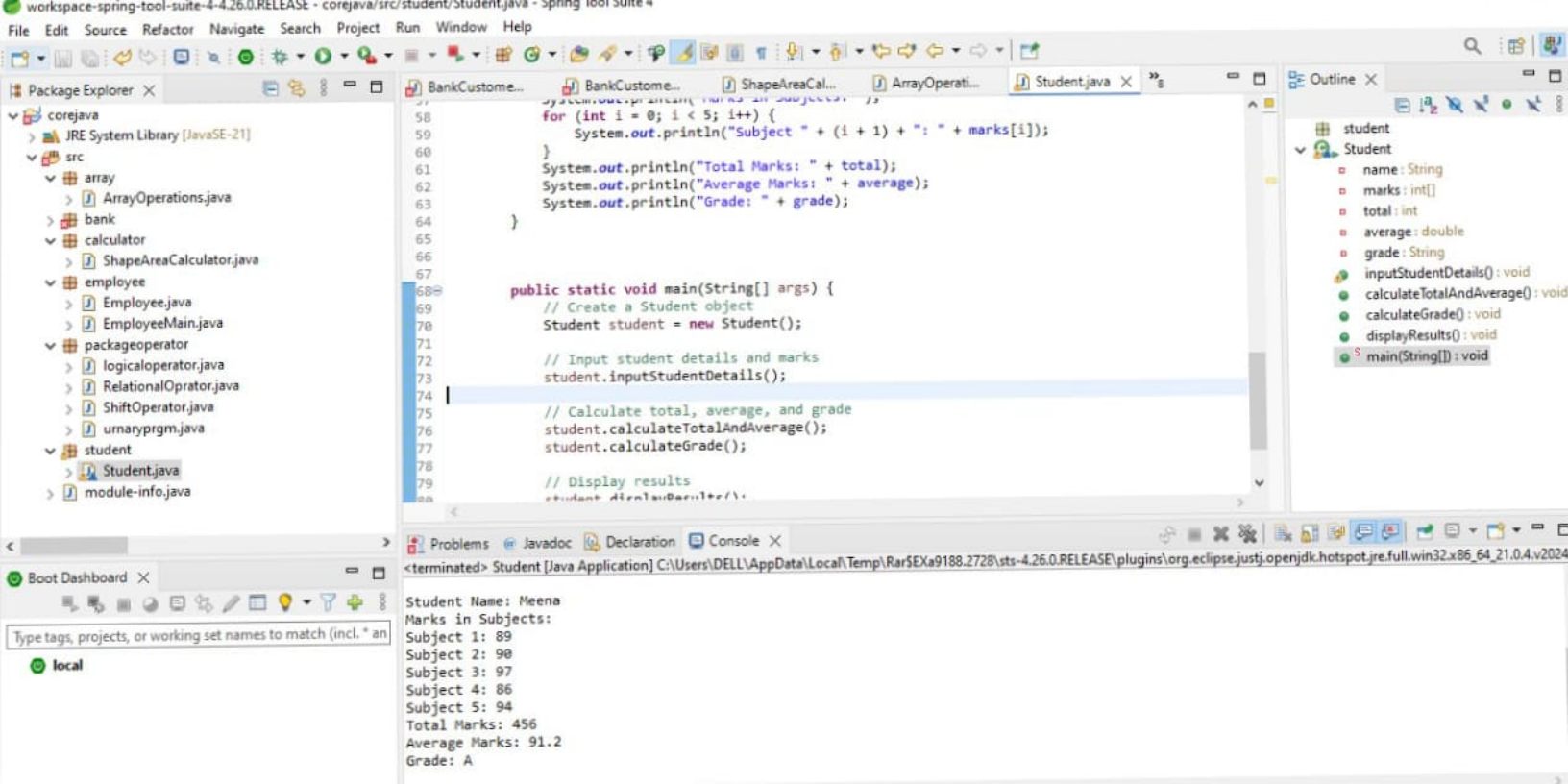

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
conjava
JRE System Library [JavaSE-21]
src
emp
bank
BankCustomer.java
calculator
ShapeAreaCalculator.java
employee
Employee.java
EmployeeMain.java
packageoperator
logicaloperator.java
RelationalOperator.java
ShiftOperator.java
sumarypgm.java
student
Student.java
module-info.java
conjava
module-info...
Employee.java
EmployeeMain...
Student.java
BankCustome...
1 package employee;
2
3 public class EmployeeMain {
4
5 public static void main(String[] args) {
6 // TODO Auto-generated method stub
7 Employee empl=new Employee (123,"Meena",30000);
8 System.out.println(empl);
9 empl.setSalary(50000);
10 System.out.println(empl);
11
12
13
14 }
15 }
16
Outline
employee
EmployeeMain
main(String[]) : void
Problems
Javadoc
Declaration
Console
<terminated> EmployeeMain [Java Application] C:\Users\DELL\AppData\Local\Temp\RarSFXa0134.13550\ms-4.76.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.4
Employee [id=123, name=Meena, salary=30000]
Employee [id=123, name=Meena, salary=50000]
Boot Dashboard
Type tags, projects, or working set names to match (incl. * an
local


File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
corejava
JRE System Library [JavaSE-21]
src
array
ArrayOperations.java
bank
calculator
ShapeAreaCalculator.java
employee
Employee.java
EmployeeMain.java
packageoperator
logicaloperator.java
RelationalOprator.java
ShiftOperator.java
unaryprgm.java
module-info.java
Boot Dashboard
Type tags, projects, or working set names to match (incl. * an
local
EmployeeMain...
BankCustome...
BankCustome...
ShapeAreaCal...
ArrayOperati...
int largest = arr[0];
for (int i = 1; i < arr.length; i++) {
if (arr[i] > largest) {
largest = arr[i];
}
}
return largest;
}
// Method to sort the array in descending order
public static void sortArrayDescending(int[] arr) {
Arrays.sort(arr); // First sort in ascending order
// Then reverse the array to get descending order
reverseArray(arr);
}
public static void main(String[] args) {
// Example array
int[] arr = {17, 32, 19, 18, 12, 16};
// Print original array
System.out.println("Original Array: " + Arrays.toString(arr));
// Reverse the array
reverseArray(arr);
System.out.println("Reversed Array: " + Arrays.toString(arr));
// Find the largest number
Outline
array
ArrayOperations
reverseArray(int[]) : void
findLargestNumber(int[]) : int
sortArrayDescending(int[]) : void
main(String[]) : void
Problems
Javadoc
Declaration
Console
<terminated> ArrayOperations [Java Application] C:\Users\DELL\AppData\Local\Temp\Rar$EXa9188.2728\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.4
Original Array: [17, 32, 19, 18, 12, 16]
Reversed Array: [16, 12, 18, 19, 32, 17]
Largest Number: 32
Sorted Array in Descending Order: [32, 19, 18, 17, 16, 12]


workspace-spring-tool-suite-4-4.26.0.RELEASE - corejava/src/student/Student.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
corejava
JRE System Library [JavaSE-21]
src
array
ArrayOperations.java
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calculator
ShapeAreaCalculator.java
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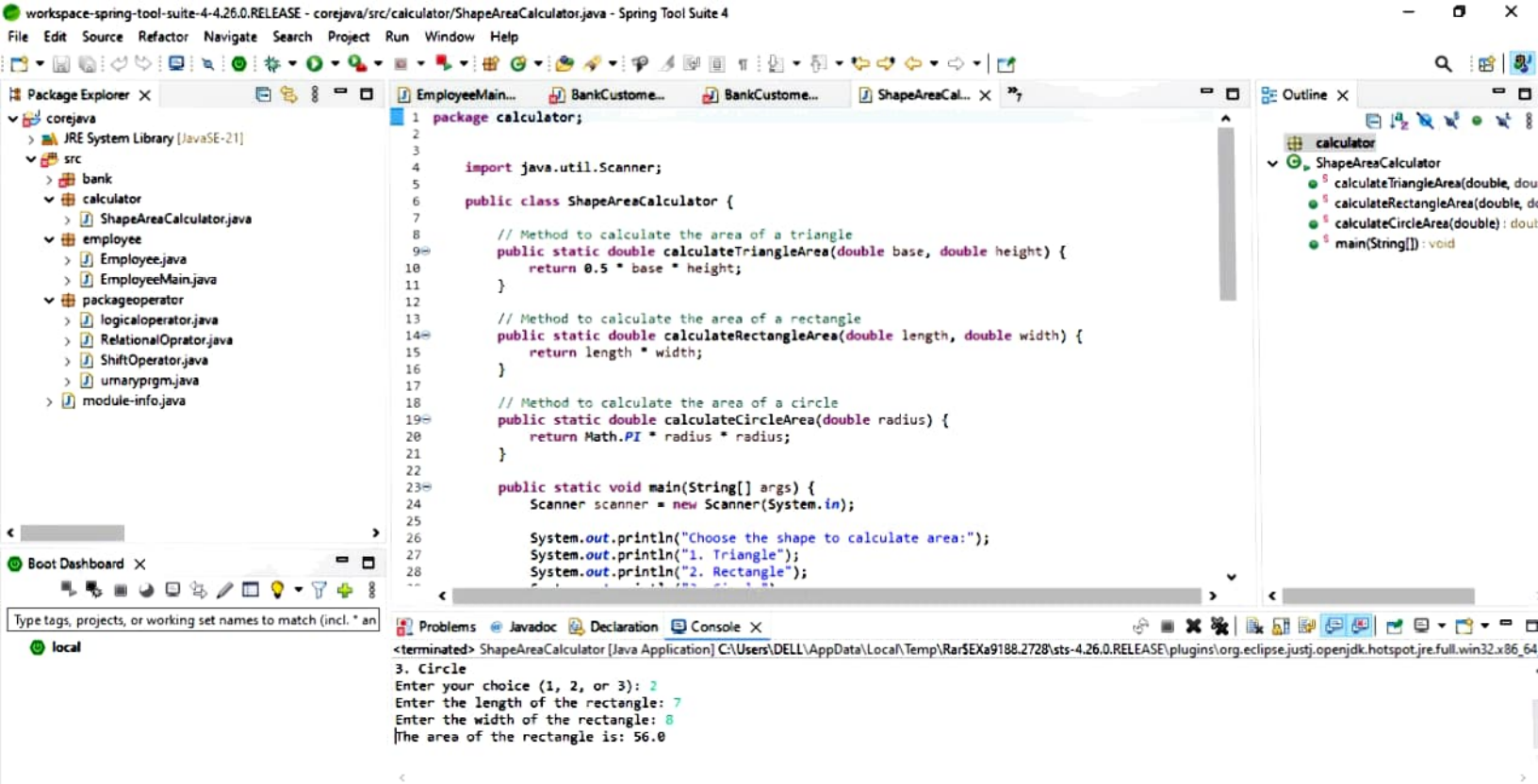
Employee.java
EmployeeMain.java
packageoperator
logicaloperator.java
RelationalOprator.java
ShiftOperator.java
urnaryprgm.java
student
Student.java
module-info.java
BankCustome...
BankCustome...
ShapeAreaCal...
ArrayOperati...
Student.java
for (int i = 0; i < 5; i++) {
System.out.println("Subject " + (i + 1) + ": " + marks[i]);
}
System.out.println("Total Marks: " + total);
System.out.println("Average Marks: " + average);
System.out.println("Grade: " + grade);
}
public static void main(String[] args) {
// Create a Student object
Student student = new Student();
// Input student details and marks
student.inputStudentDetails();
// Calculate total, average, and grade
student.calculateTotalAndAverage();
student.calculateGrade();
// Display results
Outline
student
Student
name : String
marks : int[]
total : int
average : double
grade : String
inputStudentDetails() : void
calculateTotalAndAverage() : void
calculateGrade() : void
displayResults() : void
main(String[]) : void
Boot Dashboard
Type tags, projects, or working set names to match (incl. * an
local
Problems
Javadoc
Declaration
Console
<terminated> Student [Java Application] C:\Users\DELL\AppData\Local\Temp\Rar$EXa9188.2728\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.4.v2024
Student Name: Meena
Marks in Subjects:
Subject 1: 89
Subject 2: 90
Subject 3: 97
Subject 4: 86
Subject 5: 94
Total Marks: 456
Average Marks: 91.2
Grade: A


workspace-spring-tool-suite-4-4.26.0.RELEASE - corejava/src/calculator/ShapeAreaCalculator.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
corejava
JRE System Library [JavaSE-21]
src
bank
calculator
ShapeAreaCalculator.java
employee
Employee.java
EmployeeMain.java
packageoperator
logicaloperator.java
RelationalOprator.java
ShiftOperator.java
umaryprgm.java
module-info.java
Boot Dashboard
Type tags, projects, or working set names to match (incl. * an
local
EmployeeMain...
BankCustome...
BankCustome...
ShapeAreaCal...
1 package calculator;
4 import java.util.Scanner;
6 public class ShapeAreaCalculator {
8 // Method to calculate the area of a triangle
9 public static double calculateTriangleArea(double base, double height) {
10 return 0.5 * base * height;
11 }
13 // Method to calculate the area of a rectangle
14 public static double calculateRectangleArea(double length, double width) {
15 return length * width;
16 }
18 // Method to calculate the area of a circle
19 public static double calculateCircleArea(double radius) {
20 return Math.PI * radius * radius;
21 }
23 public static void main(String[] args) {
24 Scanner scanner = new Scanner(System.in);
26 System.out.println("Choose the shape to calculate area:");
27 System.out.println("1. Triangle");
28 System.out.println("2. Rectangle");
Outline
calculator
ShapeAreaCalculator
calculateTriangleArea(double, dou
calculateRectangleArea(double, d
calculateCircleArea(double) : dout
main(String[]) : void
Problems Javadoc Declaration Console
<terminated> ShapeAreaCalculator [Java Application] C:\Users\DELL\AppData\Local\Temp\Rar$EXa9188.2728\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64
3. Circle
Enter your choice (1, 2, or 3): 2
Enter the length of the rectangle: 7
Enter the width of the rectangle: 8
The area of the rectangle is: 56.0