```java
1  package employee;
2
3  public class EmployeeMain {
4
5      public static void main(String[] args) {
6          // TODO Auto-generated method stub
7          Employee emp1=new Employee (123,"Guhan",30000);
8          System.out.println(emp1);
9          emp1.setSalary(30000);
10         System.out.println(emp1);
11
12
13
14  }
15  }
16
```

Problems @ Javadoc Declaration Console ✕

<terminated> EmployeeMain [Java Application] C:\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.4.v20240802

```
Employee [id=123, name=Guhan, salary=30000]
Employee [id=123, name=Guhan, salary=30000]
```

```java
1  package employee;
2
3  public class EmployeeMain {
4
5      public static void main(String[] args) {
6          // TODO Auto-generated method stub
7          Employee emp1=new Employee (123,"Guhan",30000);
8          System.out.println(emp1);
9           emp1.setSalary(30000);
10           System.out.println(emp1);
11
12
13
14      }
15  }
16
```

Problems @ Javadoc Declaration Console ×

<terminated> ArrayOperations [Java Application] C:\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.ho

```
Original Array: [7, 82, 69, 48, 72, 16]
Reversed Array: [16, 72, 48, 69, 82, 7]
Largest Number: 82
Sorted Array in Descending Order: [82, 72, 69, 48, 16, 7]
```

```java
1  package calculator;
2
3
4      import java.util.Scanner;
5
6      public class ShapeAreaCalculator {
7
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         }
12
13         // Method to calculate the area of a rectangle
14         public static double calculateRectangleArea(double length, double width) {
15             return length * width;
16         }
17
18         // Method to calculate the area of a circle
19         public static double calculateCircleArea(double radius) {
20             return Math.PI * radius * radius;
21         }
22
23         public static void main(String[] args) {
24             Scanner scanner = new Scanner(System.in);
25
```

```
57                 System.out.println( marks in subjects. );
58             for (int i = 0; i < 5; i++) {
59                 System.out.println("Subject " + (i + 1) + ": " + marks[i]);
60             }
61             System.out.println("Total Marks: " + total);
62             System.out.println("Average Marks: " + average);
63             System.out.println("Grade: " + grade);
64         }
65
66
67
68⊝     public static void main(String[] args) {
69             // Create a Student object
70             Student student = new Student();
71
72             // Input student details and marks
73             student.inputStudentDetails();
74
75             // Calculate total, average, and grade
76             student.calculateTotalAndAverage();
77             student.calculateGrade();
78
79             // Display results
80             student.displayResults();
81         }
```

```
<terminated> Student [Java Application] C:\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win3
Marks in Subjects:
Subject 1: 56
Subject 2: 89
Subject 3: 97
Subject 4: 86
Subject 5: 97
Total Marks: 425
Average Marks: 85.0
Grade: B
```