1. The `Calculator` class as shown below contains a method, `add()` that accepts two parameters and returns the sum of the parameters.

```java
public class Calculator{
    public double add(double number1, double number2){
        return number1 + number2;
    }
}
```

   a) Complete the Calculator class with the following methods:
      - add() that accepts an array of double and returns the sum of all array elements
      - subtract() that accepts two parameters and returns the result of subtraction
      - multiply() that accepts two parameters and returns the result of multiplication
      - divide() that accepts dividend and divisor as parameters and returns the result of division

   b) Write a class named `TestCalculator` that uses all the methods and output the results to screen.

2. Income of a sales person consists of 3 parts, basic salary, commission and achievement bonus. The commission rate is 5% of the total sales amount. The achievement bonus rate is depend on the total sales amount, as in table.

Total Sales Amount	Achievement Bonus Rate
<40,000	2%
40,000 – 100,000	5%
110,000 – 400,000	10%
>400,000	15%

   Income = Basic salary + Commission + Achievement Bonus

   Assuming that there are maximum 10 sales persons in a company. Design a solution to calculate the income of each sales person.

   a) Create the appropriate classes and methods for your solution.

   b) Write a class named `CalculateIncome` to calculate the income of sales persons.

3. Create a Student class that will store a student's name and 4 test scores (type of double).
   - Provide a constructor that accepts student's name as a string and an array of test scores.
   - Provide a method ComputeAverage() that finds and returns the average of the 4 test scores (as a double value).

4. Write an application to create and store an array of Student objects whose data is entered by the user. The application then finds and displays the name and average test score of the students with the highest and lowest average test scores.