**Name: \_\_\_\_\_\_\_\_\_\_\_**

**Advanced Programming in Java**

**Lab Exercise 1.9.2024**

1. Write a Java program to test if the first and the last element of an array of integers are same. The length of the array must be greater than or equal to 2.   
   Test Data: array = 50, -20, 0, 30, 40, 60, 10  
   Sample Output:

False

1. Write a Java program to test if the first or the last element of two array of integers are same. The length of the array must be greater than or equal to 2.    
   Test Data: array1 = 50, -20, 0, 30, 40, 60, 12  
   array2 = 45, 20, 10, 20, 30, 50, 11  
   Sample Output:

false

1. Write a Java program to find the largest element between first, last, and middle values from an array of integers (odd length).   
   Sample Output:

Original Array: [20, 30, 40, 50, 67]

Largest element between first, last, and middle values: 67

1. Write a Java program to multiply corresponding elements of two arrays of integers.   
   Sample Output:

Array1: [1, 3, -5, 4]

Array2: [1, 4, -5, -2]

Result: 1 12 25 -8

1. Write a Java program to divide the two given integers using subtraction operator.

Expected Output:  
Input the dividend: 625  
Input the divider: 25  
Result: 25.0