**LAB # 04**

**ARRAYS IN JAVA**

**OBJECTIVE:** To understand **arrays and its memory allocation.**

TASK 1

Write a program that takes two arrays of size 4 and swap the elements of those arrays.

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| CODE:    OUTPUT: |

TASK 2

Add a method in the class that takes array and merge it with the existing one.

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| CODE:    OUTPUT: |

TASK 3

In a JAVA program, take an array of type string and then check whether the strings are palindrome or not.

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| CODE:    OUTPUT: |

TASK 4

Given an array of integers, count how many numbers are even and how many are odd.

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| CODE:    OUTPUT: |

TASK 5

Given two integer arrays, merge them and remove any duplicate values from the resulting array.

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| CODE:    OUTPUT: |