

# Lab Sheet 1

## **Basic Input output operations in java and Introduction to arrays**

1. Write a program in Java to Input Your Name and Print **Hello Your Name**.
2. Write a program in Java to find **maximum of two numbers**.
3. Write a program in Java to print **Factorial of a given input no.**
4. Write a program in Java to input Name of Student and Marks obtained in 5 subjects. **Calculate total, percentage and result.**
5. Write a program in Java to find **maximum element in an array**.
6. Write a program in Java to print the **sum of elements of an array**.
7. Write a program in Java to **sort elements of an array**.
8. Write a program in Java to **search for an element in an array**.
9. Write a program in Java to **search for an element in a sorted array efficiently**.
10. Write a program in Java to **search for the second occurrence of '6' in an array and replace it with '7'**.

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