

- 1. Write a Java program to find the factorial of a given number using recursion.**
- 2. Create a Java program to check if a number is prime or not.**
- 3. Implement a Java program to reverse a string without using the `StringBuilder` or `StringBuffer` classes.**
- 4. Write a Java program to find the sum of digits in a given number.**
- 5. Implement a Java method to check if two strings are anagrams.**
- 6. Create a Java program to find the largest element in an array.**
- 7. Write a Java method to calculate the Fibonacci sequence up to a given number.**
- 8. Implement a Java program to sort an array using the Bubble Sort algorithm.**
- 9. Create a Java program to calculate the area of a circle given its radius.**
- 10. Write a Java method to check if a given year is a leap year.**
- 11. Implement a Java program to find the intersection of two arrays.**
- 12. Write a Java method to reverse a linked list.**
- 13. Create a Java program to calculate the power of a number using recursion.**
- 14. Implement a Java method to find the common elements between two arrays.**
- 15. Write a Java program to implement binary search on a sorted array.**