Exercises

1. Write a Java program to print numbers from 1 to 10 using a for loop.
2. Write a Java program to print even numbers from 1 to 20 using a while loop.
3. Write a Java program to calculate the sum of the first 10 natural numbers.
4. Write a Java program to reverse an array of integers.
5. Write a Java program to find the maximum element in an array.
6. Write a Java program to count the number of odd and even numbers in an array.
7. Write a Java program to search for an element in an array.
8. Write a Java program to print a multiplication table of 5 using a loop.
9. Write a Java program to find the factorial of a number using a for loop.
10. Write a Java program to check if a number is prime using a loop.
11. Write a Java program using switch to display the day of the week (1=Monday, ..., 7=Sunday).
12. Write a Java program using switch to check if a character is a vowel or consonant.
13. Write a Java program to print Fibonacci series up to 10 terms.
14. Write a Java program to calculate the average of elements in an array.
15. Write a Java program to sort an array in ascending order.