**Java Operators – 10 Assignment Questions**

1. **Arithmetic Operations Practice**  
   Write a Java program that takes two integers as input and performs all arithmetic operations (+, -, \*, /, %) and prints the results.
2. **Pre and Post Increment**  
   Create a program to demonstrate the difference between a++ and ++a. Print the values before and after both operations.
3. **Simple Calculator using Switch**  
   Accept two numbers and an operator (+, -, \*, /, %) from the user. Use switch to perform the operation.
4. **Relational Operator Comparison**  
   Write a Java program to compare two numbers using all relational operators (>, <, >=, <=, ==, !=) and display the results.
5. **Logical Operator Checker**  
   Create a Java program to input age and check if the person is a valid voter (age >= 18 and age <= 100) using logical operators.
6. **Bitwise Operations Explorer**  
   Write a program to accept two integers and perform all bitwise operations (&, |, ^, ~, <<, >>), and explain the output.
7. **Even/Odd using Modulus**  
   Write a Java program to check if a number is even or odd using the % operator.
8. **Assignment Operators Chain**  
   Create a program that demonstrates use of assignment operators (=, +=, -=, \*=, /=, %=) on a single variable.
9. **Grade Checker using Logical Conditions**  
   Input marks from the user and determine the grade using logical and relational operators:
   * Marks > 90: Grade A
   * 70 < Marks <= 90: Grade B
   * 50 < Marks <= 70: Grade C
   * Else: Grade F
10. **Swapping Without Temp**  
    Write a Java program to swap two numbers using arithmetic operators without using a third variable.