Assignments

- Input two numbers and perform all arithmetic operations (+, -, *, /, %).
- Check whether a number is even or odd using the ternary operator.
- Compare two integers using relational and logical operators.
- Swap two numbers without using a third variable (use arithmetic).
- Check if a number lies between 10 and 50 using logical operators.
- Simulate a simple calculator using a switch statement and arithmetic operators.

- Create a class Student with fields Name and Age. Add a constructor to initialize them and display details in a separate method .
- Create a class Employee with two constructors (Name only; Name, Salary) using constructor chaining.
- Create a class BankAccount(AccountNumber, AccountHolder, Balance) with default and parameterized constructors using constructor chaining. Add Deposit() which increments the balance and DisplayBalance() to display the account details methods.

- Swap two integers using the ref keyword.
- Write a method GetSumAndAverage(int a, int b, out int sum, out double avg) that returns sum and average using out parameters.
- Write a method FindMaxMin(int[] arr, out int max, out int min) that finds maximum and minimum using out.