**4. Discuss the precedence and associativity of operators in JavaScript. Why is understanding these concepts important?**

Operator precedence: Operator precedence is important to perform mathematical calculations.

To avoid the ambiguity when doing calculations.

**Precedence:**

Division and Multiplication has higher precedence.

Addition and subtraction have lower precedence.

If multiple operators are used in expression, operator precedence is helpful to evaluate the expression.

**Associativity:**

Associativity means in which order to evaluate the expression.

In JavaScript, it has left to right associativity.