1. **Role of operators in JavaScript? Why are they essential in programming?**

Operators are used to perform operations on variables. Operators are used for high accuracy and faster calculation.

Operators used for mathematical calculation, compare values, and to handle complex operations.

There are multiple operators that are supported by JavaScript.

1. Arithmetic Operators
2. Assignment Operators
3. Comparison Operators
4. Logical operators
5. Unary Operators
6. **Arithmetic Operators:** Operators are used to perform arithmetic operations like addition, subtract, divide, multiple, modulo**.**
7. **Assignment Operators:** Assigning values to variables.

Assignment operators are of two types:

1. Single Assignment
2. Compound Assignment
3. **Comparison Operators:** Used to compare two values, and it returns Boolean value like true or false.
4. **Logical Operators:** These operators combine two or more Boolean values to return single value true/false.
5. **Unary Operators:**

Multiple unary operators are there like unary plus, unary minus, pre/post increment, pre/post decrement.