JavaScript Practice Questions: Variables & Operators

1. Write a program that adds two numbers and displays the result using alert().

- Declare two variables: num1 and num2.
- Assign them any numbers.
- Use the + operator to find the sum.
- Display the result using alert().

2. Write a program that calculates the difference between two numbers.

- Use variables a and b.
- Subtract b from a using the - operator.
- Show the result with alert().

3. Write a program that multiplies two numbers and shows the result.

- Declare length and width as variables.
- Multiply them and store the result in area.
- Display the area using alert().

4. Write a program that divides one number by another.

- Declare two variables: totalMarks and subjects.
- Use the / operator to find the average.
- Use alert() to display the average.

5. Write a program that finds the remainder when one number is divided by another.

- Use the modulus operator %.
- Display the remainder using alert().

6. Write a program that compares two numbers and shows whether they are equal or not.

- Use the == operator.

- Use alert() to say either "The numbers are equal" or "The numbers are not equal".

7. Write a program that checks if a number is greater than 100.

- Declare a variable score.
- Use > operator in an if statement.
- Show an alert saying "High score!" if true.

8. Write a program that checks if a person is eligible to vote (age >= 18).

- Declare a variable age.
- Use a comparison operator and an if statement.
- Use alert() to say "You can vote" or "You cannot vote".

9. Write a program that adds three numbers and calculates their average.

- Declare three variables: num1, num2, num3.
- Use the + operator to add them.
- Divide the sum by 3.
- Show the average using alert().

10. Write a program that uses logical operators to check if a number is between 1 and 10.

- Declare a variable value.
- Use && operator in an if statement.
- If true, show: "Value is within range".
- If false, show: "Value is out of range".