



Day 3: Javascript Mathematical Operators

Problem 1: Calculate the Square of a Number

Write a JavaScript program to calculate and print the square of a given number.

Problem 2: Play with Expressions

Create a program that calculates the result of the following expression:

```
(a + b) * c / d - e
```

Take the above variables a, b, c, d, and e and store the value according to you then store the result of the above expression in a separate variable and print the result using console.log().

Problem 3: Variable Swap

Write a JavaScript program to swap the values of two variables without using a temporary variable.

Problem 4: Convert Celsius to Fahrenheit

Write a JavaScript program that converts a given temperature in Celsius to Fahrenheit.

Formula:

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$$

Problem 5: Rectangle

Write a JavaScript expression to calculate the area of a rectangle with a length of 8 units and a width of 5 units.

Problem 5: Multiple of 5

Take a variable, store a number, and check if a number is a multiple of 5.