Experiment 01 - Exercise 11: Truth Table for Bitwise Operators

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Objective

Print the truth table for bitwise operators `&`, `|`, and `^` for inputs $a, b \in \{0, 1\}$.

Input

No input (use $a, b \in \{0, 1\}$).

Output

A table showing `a&b`, `a|b`, and `a^b`.

Approach

Use nested loops over values `0` and `1` and print results.

Time Complexity

`O(1)` (fixed small table).