



INF212
ALGORITHMS AND PROGRAMMING
LABORATORY LEAFLET
STUDENT VERSION

LABORATORY-8: Bitwise Operators

Task	Statement
1	The example of how to make bitwise operations.
2	The example of how to swap values of tow variables.
3	Finding out whether a variable is odd or even.
4	An example for bit fields.

Task-1 A C program to demonstrate use of bitwise operators (and, or, xor, not, left and right shift).

Task-2: Write a program which swaps the values of two variables using XOR operator.

Task-3: Write a program to finding out whether a variable is odd or even using the bitwise operators.

Task-4: Construct a Date bit field structure to hold the day, month and year variables. Use the minimum amount of bits required for variables.

ABOUT LEAFLET

This leaflet has been prepared for the laboratory of INF212 Algorithms and Programming course given at Gebze Technical University, Electronics Engineering Department.

Process	By
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