Programming problems (Operator and Expressions)

1. Write a program that will take two decimal numbers from user and then perform their bitwise operation:

-bitwise OR

-bitwise AND

-bitwise XOR

-Left shift

-Right shift

1. Write a program to find the size of each data type using **sizeof** operator. (Try later)
2. Write a program that will take two numbers and display the greater number using conditional operator. (**: ?**)
3. Write a program that will take two numbers and perform their arithmetic operations. (Addition, Subtraction, Multiplication, Division, Modulus (%)).
4. Write a program that will take a number from user and perform unary operation upon the number. (Pre-increment, post-increment, pre-decrement, post-decrement).
5. Write a program to swap two numbers.(without using third variable)

Sample input: a = 10, b = 5;

Sample output: a = 5, b = 10