Write a C program that: (8/10) marks

1. Prompts the user to enter two integers (a and b) using scanf.

2. Swaps the values of a and b without using a third variable.

3. Calculates the difference between the two numbers.

4. Increments both a and b by the difference .

5. Finally, prints the updated values of a, b, and the difference.

Bonus: (2/10) marks

If you want to calculate the absolute value of the difference (instead of just the difference), do the following:

1. Calculate the absolute value of the difference using any approach you like (such as using a conditional, ternary operator, or bitwise operations, etc.).

2. Print the absolute value of the difference as well.