

Here are some in-class assignment questions based on the Python operators content:

1. Arithmetic Operators

- Question 1: Given two numbers as input, perform all the arithmetic operations on them (addition, subtraction, multiplication, division, floor division, modulo, and exponentiation) and display the results.

2. Comparison Operators

- Question 2: Write a program to take two numbers as input and compare them using all the comparison operators. Print the result of each comparison.

3. Logical Operators

- Question 3: Write a program to check if a given number is positive and even using logical operators.

4. Bitwise Operators

- Question 4: Given two numbers, perform bitwise AND, OR, and XOR operations on them and display the results.

5. Assignment Operators

- Question 5: Write a program to demonstrate the use of different assignment operators (+=, -=, *=, /=, //=, %=, **=) on a given variable.

6. Membership Operators

- Question 6: Create a list of fruits. Ask the user to input a fruit name and check if the input fruit is present in the list using the in operator.

7. Identity Operators

- Question 7: Create two lists with identical elements. Check if the two lists refer to the same object in memory using the is operator.