

1. Write pseudocode to find the smallest number among three given variables. Implement a decision-making structure to compare the variables.

Start

Input num1, num2, num3

If num1 < num2 AND num1 < num3

output num1

Elseif num2 < num1 AND num2 < num3

output num2

Else

Output num3

Endif

End

2. Create pseudocode to subtract two numbers without using the - operator. (Hint: Use addition and complement techniques.)

Start

Input num1, num2

If num1 > num2

Result = num1 + NOT num2

Else

Result = num2 + NOT num1

Endif

Output Result

3. Develop pseudocode for a basic calculator that performs multiplication and division. The pseudocode should prompt the user for two numbers and an operator, then display the result of the operation.

Start

Output "Input two numbers and an operator"

Input num1, num2 , operator

If operator == *

 Result = num1 * num2

Elseif operator == /

 Result = num1/num2

Else

 Output "Invalid operator"

Endif

Output Result