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1 Code in c++:

```cpp
#include <iostream>

using namespace std;

int main() {
    float n1, n2;
    char operation;

    cout << "Enter two numbers: ";
    cin >> n1 >> n2;

    cout << "Enter an operation (* for sum, a for subtraction, b for multiplication, @ for division): ";
    cin >> operation;

    float result;
    switch (operation) {
        case '*':
            result = n1 + n2;
            break;
        case 'a':
            result = n1 - n2;
            break;
        case 'b':
            result = n1 * n2;
            break;
        case '@':
            if (n2 != 0) {
                result = n1 / n2;
            } else {
                cout << "Error: Division by zero!" << endl;
                return 1;
            }
            break;
        default:
            cout << "Error: Invalid operation!" << endl;
            return 1;
    }

    cout << "The result is: " << result << endl;

    if (n1 < n2) {
        cout << "n1 is less than n2" << endl;
    } else if (n1 > n2) {
```

```
44          cout << "n1 is greater than n2" << endl;
45      } else {
46          cout << "n1 is equal to n2" << endl;
47      }
48
49      return 0;
50  }
```

```
Enter two numbers: 55
15
Enter an operation (* for sum, a for subtraction, b for multiplication, @ for division): a
The result is: 40
n1 is greater than n2

--------------------------------
Process exited after 27.11 seconds with return value 0
Presione una tecla para continuar . . .
```

COPILADOR This code is an interactive web app built with Streamlit, a Python library that makes it easy to build data apps. The application is a calculator that performs specific operations based on the user's choice.

Here is the code interpreter:

The Streamlit library is imported. A calculate function is defined that takes three arguments: n1 (first number), n2 (second number) and operation (operation to be performed).

If operation is ., a sum (n1 + n2) is performed. If operation is 'a', a subtraction (n1 - n2) is performed.

If operation is 'b', a multiplication (n1 * n2) is performed.

If operation is '@', a split (n1/n2) is performed. If n2 is zero, an error message .Error: Division by zeroïs returned.

If the operation is invalid, Ïnvalid operationïs returned.

A Streamlit application is created with a title Çalculator with specific operations."The user is prompted to enter the first number (n1) using a numeric input box (st.number$_i$*nput*).

The user is prompted to enter the second number (n2) using a numeric input box (st.number$_i$*nput*).

A drop-down menu (st.selectbox) is displayed for the user to select the desired operation (., 'a', 'b', '@' or '+').

If the selected operation is not '+', the calculate function is called with n1, n2 and the selected operation, and the result is displayed.

If the selected operation is '+', a message is displayed indicating that .EXIT Operation"was selected and no operation was performed.

n1 and n2 are compared, and a message is displayed indicating whether n1 is less than, greater than, or equal to n2.

This code creates a simple user interface where the user can enter two numbers and select an operation to perform basic calculations. Additionally, it displays a message comparing the values of n1 and n2.

yu.py > ...

```python
import streamlit as st
def calculate(n1, n2, operation):
    if operation == '.':
        return n1 + n2
    elif operation == 'a':
        return n1 - n2
    elif operation == 'b':
        return n1 * n2
    elif operation == '@':
        if n2 != 0:
            return n1 / n2
        else:
            return 'Error: División por cero'
    else:
        return 'Operación no válida'

st.title('Calculadora con operaciones específicas')

n1 = st.number_input('Introduce el primer número (n1):')
n2 = st.number_input('Introduce el segundo número (n2):')

operation = st.selectbox('Introduce la operación:', ('.', 'a', 'b', '@', '+'))

if operation != '+':
    result = calculate(n1, n2, operation)
    st.write(f'El resultado de la operación es: {result}')
else:
    st.write('Operación EXIT seleccionada. No se realizó ninguna operación.')

if n1 < n2:
    st.write('n1 es menor que n2')
elif n1 > n2:
    st.write('n1 es mayor que n2')
else:
    st.write('n1 es igual a n2')
```


Compilador de C++ Avanzado con Streamlit
Pegue su código C++ aquí:
Opciones de compilación:
Choose an option
Compilar