LAB EXERCISE 2
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START

Get num1
Get num2

Get operator

case `+` → num1 + num2 = result

case `-` → num1 - num2 = result

case `*` → num1 * num2 = result

case `/` → num1 / num2 = result

print
"INVALID OPERATOR"

print
"Do you want to continue?"

Get loopChar

End
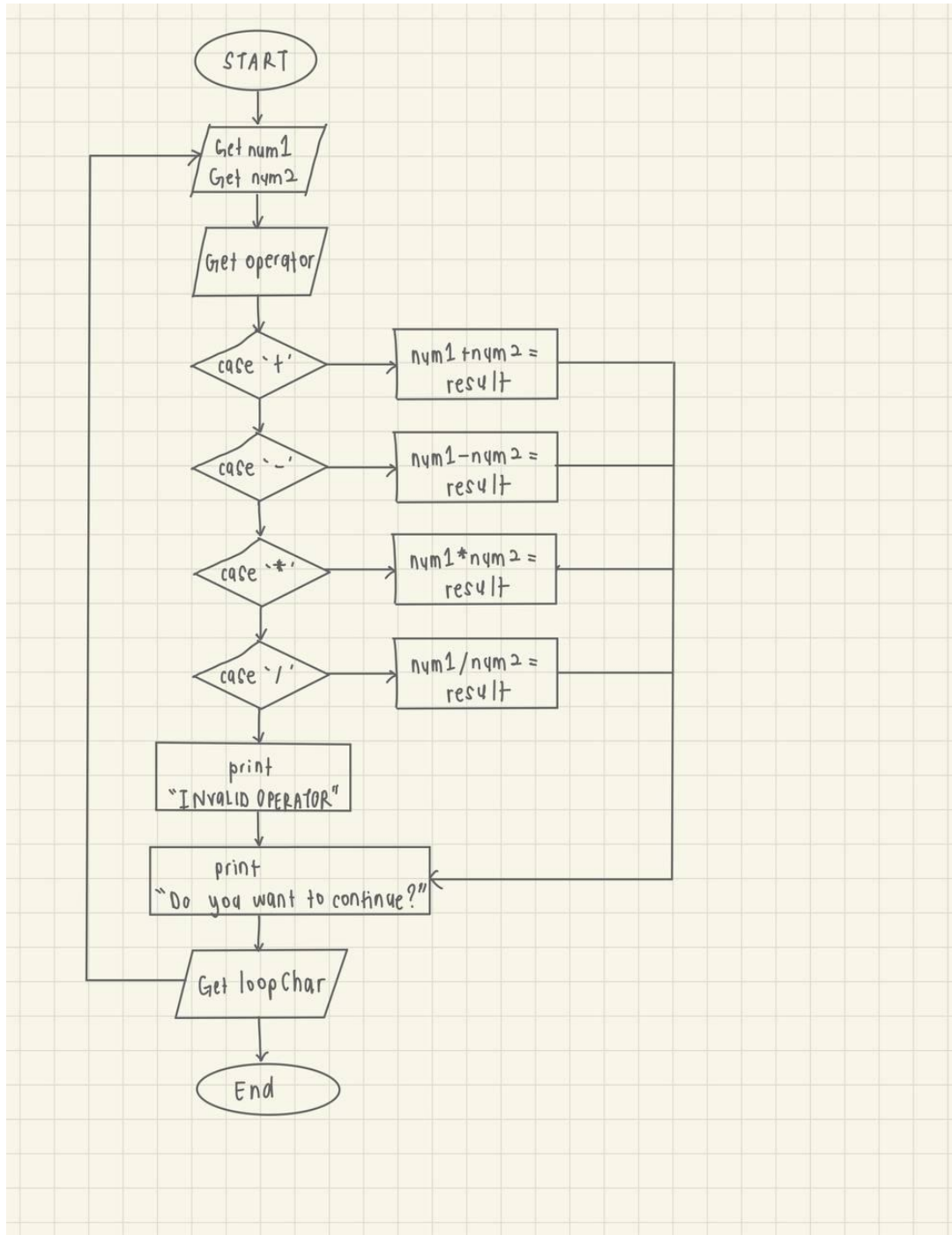
```cpp
#include <iostream>
using namespace std;

int main ()
{
    char op ;
    float num1, num2, result;
    char loopChar ;

    do {
        cout << "Enter two numbers: " ;
        cin >> num1 >> num2;

        cout << "Enter an operator (+, - , *, /): ";
        cin >> op ;

        switch (op) {
            case '+' :
            result = num1 + num2 ;
            cout << num1 << " + " << num2 << " = " << result << endl;
            break;

            case '-' :
            result = num1 - num2 ;
            cout << num1 << " - " << num2 << " = " << result << endl;
            break;

            case '*' :
            result = num1 * num2 ;
            cout << num1 << " * " << num2 << " = " << result << endl;
            break;

            case '/' :
            result = num1 / num2 ;
            cout << num1 << " / " << num2 << " = " << result << endl;
            break;

            default:
            cout << "INVALID OPERATOR!" ;

        }
        cout << "Do you want to continue? (y/n)";
        cin >> loopChar;

    }while (loopChar == 'y');

    return 0;
}
```

```
Enter two numbers: 90 804
Enter an operator (+, - , *, /): -
90 - 804 = -714
Do you want to continue? (y/n)n
PS C:\Users\user\OneDrive\Desktop\programs\lab exercise 2>
```