

Lab5

Write a function with return type: float, name: calculator, parameter: 2 float and one char variables.

It'll return the result of an arithmetic expression like (1.2+3.2, 4.5*5.0 etc.).

Your main function will be this:

```
int main()
{
    float val1;
    float val2;
    float result;
    char mathsymbol;
    cout << "please enter your expression: " << endl;
    cin >> val1>>mathsymbol>>val2;
    while (mathsymbol != '+' || mathsymbol != '-' || mathsymbol != '*' || mathsymbol != '/')
    {
        cout << "the operator is wrong please correct it " << endl;
        cin >> mathsymbol;
    }
    result=calculator(val1,val2,mathsymbol);
    cout << val1 << " " << mathsymbol << " " << val2 << " = " << result << endl;
    keep_open();
}
```

Hint: use `switch` or `if` statement to write the function.