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ASSIGNMENT 1

```c
#include <stdio.h>

int main() {
    char operator;
    double num1, num2, result;

    printf("Simple CLI Calculator in C\n");
    printf("Enter operation (e.g., 5 + 3): ");

    scanf("%lf %c %lf", &num1, &operator, &num2);

    switch (operator) {
        case '+':
            result = num1 + num2;
            printf("Result: %.2lf\n", result);
            break;
        case '-':
            result = num1 - num2;
            printf("Result: %.2lf\n", result);
            break;
        case '*':
            result = num1 * num2;
            printf("Result: %.2lf\n", result);
```

```c
            break;
        case '/':
            if (num2 != 0)
                result = num1 / num2;
            else {
                printf("Error: Division by zero!\n");
                return 1;
            }
            printf("Result: %.2lf\n", result);
            break;
        default:
            printf("Invalid operator.\n");
            return 1;
    }

    return 0;
}
```