#include <stdio.h>

int main() {

char operator;

double num1, num2, result;

// Displaying the menu

printf("Simple Calculator\n");

printf("Select an operator (+, -, \*, /): ");

scanf(" %c", &operator);

printf("Enter first number: ");

scanf("%lf", &num1);

printf("Enter second number: ");

scanf("%lf", &num2);

// Performing the calculation based on the operator

switch (operator) {

case '+':

result = num1 + num2;

printf("%.2lf + %.2lf = %.2lf\n", num1, num2, result);

break;

case '-':

result = num1 - num2;

printf("%.2lf - %.2lf = %.2lf\n", num1, num2, result);

break;

case '\*':

result = num1 \* num2;

printf("%.2lf \* %.2lf = %.2lf\n", num1, num2, result);

break;

case '/':

if (num2 != 0) {

result = num1 / num2;

printf("%.2lf / %.2lf = %.2lf\n", num1, num2, result);

} else {

printf("Error: Division by zero is not allowed.\n");

}

break;

default:

printf("Error: Invalid operator.\n");

break;

}

return 0;

}