```c
#include <stdio.h>

int main() {
    char op;
    double a, b;
    printf("Enter an operator (+, -, *, /): ");
    scanf(" %c", &op);
    printf("Enter two operands: ");
    scanf("%lf %lf", &a, &b);

    switch(op) {
        case '+': printf("Result: %.2lf\n", a + b); break;
        case '-': printf("Result: %.2lf\n", a - b); break;
        case '*': printf("Result: %.2lf\n", a * b); break;
        case '/':
            if(b != 0)
                printf("Result: %.2lf\n", a / b);
            else
                printf("Error: Division by zero\n");
            break;
        default: printf("Invalid operator\n");
    }
    return 0;
}
```

Ask anything