

```
#include <stdio.h>
```

```
int main() {
```

```
    char op;
```

```
    double num1, num2, result;
```

```
    printf("Enter an operator (+, -, *, /): ");
```

```
    scanf("%c", &op);
```

```
    printf("Enter two operands: ");
```

```
    scanf("%lf %lf", &num1, &num2);
```

```
    switch (op) {
```

```
        case '+':
```

```
            result = num1 + num2;
```

```
            printf("%.2f + %.2f = %.2f", num1, num2,
```

```
            result);
```

```
        break;
```

```
        case '-':
```

```
            result = num1 - num2;
```

```
            printf("%.2f - %.2f = %.2f", num1, num2, result);
```

```
        break;
```

```
        case '*':
```

```
            result = num1 * num2;
```

```
            printf("%.2f * %.2f = %.2f", num1, num2, result);
```

```
        break;
```

```
        case '/':
```

```
            if (num1 == 0) {
```

```
                result = num1 / num2;
```

```
                printf("%.2f / %.2f = %.2f", num1, num2, result);
```

```
            }
```

```
        else {
```

```
            printf("Error! Division by 0 is not allowed");
```

```
    }  
    break;  
    default:  
        Pointf("Error! Invalid operator");  
    }  
    return 0; }
```