

1: Create a small calculator which performs operations such as Addition, Subtraction, Multiplication and Division using class.

```
#include <stdio.h>

int main() {

    char op;

    double first, second;

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

    scanf("%c", &op);

    printf("Enter two operands: ");

    scanf("%lf %lf", &first, &second);


    switch (op) {

        case '+':

            printf("%.1f + %.1f = %.1f", first, second, first + second);

            break;

        case '-':

            printf("%.1f - %.1f = %.1f", first, second, first - second);

            break;

        case '*':

            printf("%.1f * %.1f = %.1f", first, second, first * second);

            break;

        case '/':

            printf("%.1f / %.1f = %.1f", first, second, first / second);

            break;

        // operator doesn't match any case constant

        default:

            printf("Error! operator is not correct");

    }

    return 0;

}
```