```c
#include <stdio.h>

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

    printf("Enter first number: ");
    scanf("%lf", &num1);
    printf("Enter second number: ");
    scanf("%lf", &num2);

    printf("\nSelect Operation (+, -, *, /): ");
    scanf(" %c", &op);

    switch(op) {
        case '+':
            result = num1 + num2;
            printf("Result = %.2lf", result);
            break;
        case '-':
            result = num1 - num2;
            printf("Result = %.2lf", result);
            break;
        case '*':
            result = num1 * num2;
            printf("Result = %.2lf", result);
            break;
        case '/':
            if(num2 != 0)
                result = num1 / num2;
            else {
```

```
            printf("Division by zero error!");
            return 0;
        }
        printf("Result = %.2lf", result);
        break;
    default:
        printf("Invalid Operator!");
  }
  return 0;
}
```

```
Enter first number: 10
Enter second number: 20

Select Operation (+, -, *, /): +
Result = 30.00

...Program finished with exit code 0
Press ENTER to exit console.
```