

Answer on Question #46263, Programming, C

Problem.

write a program to implement a calculator to perform all the four basic arithmetic operations on integers.

Solution.

Code

```
#include <stdio.h>

int main() {
    int operand1;
    int operand2;
    char operation;
    scanf("%d %c %d", &operand1, &operation, &operand2);

    // Addition
    if (operation == '+') {
        printf("Result: %d", operand1 + operand2);
    }
    // Subtraction
    if (operation == '-') {
        printf("Result: %d", operand1 - operand2);
    }
    // Multiplication
    if (operation == '*') {
        printf("Result: %d", operand1 * operand2);
    }
    // Division
    if (operation == '/') {
        printf("Result: %.3f", (float) operand1 / operand2);
    }

    return 0;
}
```

Result

```
123 + 1223
Result: 1346
```

```
124 - 12
Result: 112
```

```
12 * 133
Result: 1596
```

```
143 / 24
Result: 5.958
```