```
                    ┌─────────┐
                    │  Start  │
                    └────┬────┘
                         │
                    ╱─────────╲
                   │ Read a,b.op │
                    ╲─────────╱
                         │
                      ◇ If op='+' ◇ ──yes──► c=a+b ──────────────┐
                         │ no                                     │
                      ◇ If op='-' ◇ ──yes──► c=a-b ──────────────┤
                         │ no                                     │
                      ◇ If op='*' ◇ ──yes──► c=a*b ──────────────┤
                         │ no                                     │
                      ◇ If op='/' ◇ ──yes──► c=a/b ──────────────┤
                         │ no                                     │
                 ┌──────────────────┐                            │
                 │ Print "Invalid   │                            │
                 │     Operand"     │                            │
                 └────────┬─────────┘                            │
                    ┌─────────┐                                  │
                    │  Stop   │                                  │
                    └─────────┘                                  │
                                                                 │
                 ┌──────────────┐                                │
                 │   Print z    │◄───────────────────────────────┘
                 └──────┬───────┘
                    ┌─────────┐
                    │   end   │
                    └─────────┘
```

```
# Function to perform addition

function add(a, b):

    return a + b


# Function to perform subtraction

function subtract(a, b):

    return a - b


# Function to perform multiplication

function multiply(a, b):

    return a * b


# Function to perform division with error handling

function divide(a, b):

    if b == 0:

        return "Error: Division by zero"

    else:

        return a / b


# Main function

function main():

    # Input first number

    print("Enter the first number: ")

    num1 = input_number()


    # Input operation

    print("Enter the operation (+, -, *, /): ")

    operation = input_operation()


    # Input second number
```

```python
    print("Enter the second number: ")
    num2 = input_number()


    # Determine operation and calculate result
    if operation == '+':
        result = add(num1, num2)
    elif operation == '-':
        result = subtract(num1, num2)
    elif operation == '*':
        result = multiply(num1, num2)
    elif operation == '/':
        result = divide(num1, num2)
    else:
        result = "Invalid operation"


    # Display result
    print("The result is: " + result)

# Helper functions to input numbers and operations
function input_number():
    return float(input())


function input_operation():
    return input()


# Run the main function
main()
```