=========================

CALCULATOR MENU

=========================

1. Perform Basic Arithmetic Operations

2. Use Additional Mathematical Functions

3. View Calculation History

4. Exit

=========================

Please choose an option (1-4): 1

This option can implement functions for addition (+), subtraction (-), multiplication (\*), division (/), and modulus (%).

Enter your arithmetic problem for to solve (with one space between): 5 / 0

The result is: Undefined

=========================

CALCULATOR MENU

=========================

1. Perform Basic Arithmetic Operations

2. Use Additional Mathematical Functions

3. View Calculation History

4. Exit

=========================

Please choose an option (1-4): 4

Exited!

=========================

CALCULATOR MENU

=========================

1. Perform Basic Arithmetic Operations

2. Use Additional Mathematical Functions

3. View Calculation History

4. Exit

=========================

Please choose an option (1-4): 2

This option can implement the following operations: a power b, sqrt a, abs a, round a

Enter your problem for to solve (with one space between): sqrt -16

The result is: Undefined

=========================

CALCULATOR MENU

=========================

1. Perform Basic Arithmetic Operations

2. Use Additional Mathematical Functions

3. View Calculation History

4. Exit

=========================

Please choose an option (1-4): 3

The history of arithmetic operations:

5 / 0 = -1

The history of additional functions:

sqrt -16 = -1.0

If the operation is undefined, the result was presented as '-1'.