

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: F:/SUVRADEEPCSE/PythonCalculator.py =====

Python Calculator

1. Basic Arithmetic (+, -, \*, /)
2. Trigonometry (sin, cos, sec, etc. with Arithmetic)
3. Matrix Operations (Sum, Multiply)
4. Exit

Select operation (1-4): 1

Enter first number: 9

Enter operator (+, -, \*, /): \*

Enter second number: 12

Result: 108.0

1. Basic Arithmetic (+, -, \*, /)
2. Trigonometry (sin, cos, sec, etc. with Arithmetic)
3. Matrix Operations (Sum, Multiply)
4. Exit

Select operation (1-4): 2

Trigonometric Mode

Supported functions: sin(x), cos(x), tan(x), sec(x), csc(x), cot(x)

Note: 'x' must be in DEGREES.

You can combine them, e.g., 'sin(30) + sec(60)'

(You can use 'ans' to refer to previous result: 108.0)

Enter expression: sin(45) + sec(85)

Result: 12.1808

1. Basic Arithmetic (+, -, \*, /)
2. Trigonometry (sin, cos, sec, etc. with Arithmetic)
3. Matrix Operations (Sum, Multiply)
4. Exit

Select operation (1-4): 3

Matrix Mode: 1. Addition 2. Multiplication

Choice: 1

Matrix A Input

Rows for A: 3

Cols for A: 3

Enter 3 numbers separated by space for each row:

Row 1: 1

Error: Please enter exactly 3 numbers.

Row 1: 1 2 3

Row 2: 4 5 6

Row 3: 7

Error: Please enter exactly 3 numbers.

Row 3: 7 8 9

Matrix B Input

Rows for B: 3

Cols for B: 3

Enter 3 numbers separated by space for each row:

Row 1: 10 11 12

Row 2: 13 14 15

Row 3: 16 17 18

Matrix Result:

[11.0, 13.0, 15.0]

[17.0, 19.0, 21.0]

[23.0, 25.0, 27.0]

1. Basic Arithmetic (+, -, \*, /)
2. Trigonometry (sin, cos, sec, etc. with Arithmetic)
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4. Exit

Select operation (1-4): 3

Matrix Mode: 1. Addition 2. Multiplication

Choice: 2

Matrix A Input

Rows for A: 2

Cols for A: 3

Enter 3 numbers separated by space for each row:

Row 1: 1 2 3

Row 2: 4 5 6

Matrix B Input

Rows for B: 3

Cols for B: 2

Enter 2 numbers separated by space for each row:

Row 1: 7 8 9

Error: Please enter exactly 2 numbers.

Row 1: 10 11 12

Error: Please enter exactly 2 numbers.

Row 1: 7

Error: Please enter exactly 2 numbers.

Row 1: 7 8

Row 2: 9 10

Row 3: 11 12

Matrix Result:

[58.0, 64.0]

[139.0, 154.0]