

Making a Matrix Calculator App.

Deploy

MATRIX CALCULATOR

Hi, Welcome! What do you want to do today?

Select an option:

Add Matrices

Enter the size of Matrix A:

ROW: 2 - +

COLUMN: 2 - +

Enter the size of Matrix B:

ROW: 3 - +

COLUMN: 3 - +

MATRIX A

3 4

56 4

MATRIX B

1 1 4

2 5 2

1 11 1

Calculate

Addition of Matrices

Size of Matrix A and B should be equal.

Select an option:

Add Matrices

Enter the size of Matrix A:

ROW: 2 - +

COLUMN: 2 - +

Enter the size of Matrix B:

ROW: 2 - +

COLUMN: 2 - +

MATRIX A

3 4

56 4

MATRIX B

1 1

2 5

Calculate

Addition of Matrices

Here is the sum of your matrices.

4 5

58 9

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MATRIX CALCULATOR

Hi, Welcome! What do you want to do today?

Select an option:

Multiply Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

3

3

MATRIX A

MATRIX B

3

4

1

1

78

56

4

2

5

8

5

6

3

Calculate

Multiplication of Matrices

Number of Columns in Matrix A and Rows in Matrix B should be equal.

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Hi, Welcome! What do you want to do today?

Select an option:

Multiply Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

2

2

MATRIX A

MATRIX B

3

4

1

1

56

4

2

5

Calculate

Multiplication of Matrices

Here is the product of your matrices.

11

23

64

76

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Hi, Welcome! What do you want to do today?

Select an option:

Transpose Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

2

2

MATRIX A

MATRIX B

3

4

1

1

56

4

2

5

Calculate

Transpose of Matrices

Here is the transpose of your matrices.

[3, 56]

[4, 4]

[1, 2]

[1, 5]

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Select an option:

Inverse of Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

2

2

MATRIX A

9

4

4

4

MATRIX B

6

1

1

9

Calculate

Inverse of Matrices

Here is the Inverse of your matrices.

For Matrix A:

0.19999999999999996

-0.19999999999999996

-0.19999999999999996

For Matrix B:

0.16981132075471697

-0.018867924528301883

-0.018867924528301883

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MATRIX CALCULATOR

Hi, Welcome! What do you want to do today?

Select an option:

Determinant of Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

3

2

MATRIX A

1

3

4

4

MATRIX B

6

1

1

9

4

7

Calculate

Determinant of Matrices

Size of Matrix A and B should be equal.

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MATRIX CALCULATOR

Hi, Welcome! What do you want to do today?

Select an option:

Determinant of Matrices

Enter the size of Matrix A:

ROW:

2

COLUMN:

2

Enter the size of Matrix B:

2

2

MATRIX A

1

3

4

4

MATRIX B

6

1

1

9

Calculate

Determinant of Matrices

Here is the determinant of your matrices.

For Matrix A:

-7.999999999999998

For Matrix B:

53.000000000000001