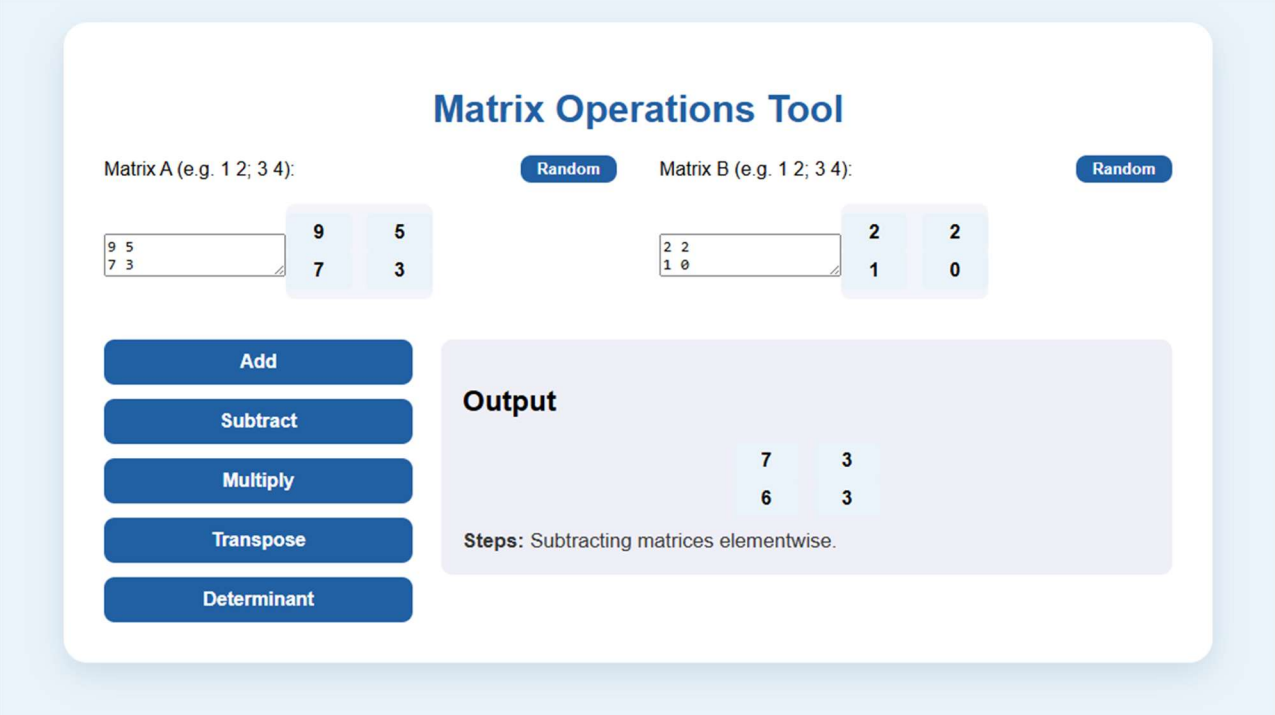
OUTPUT


Matrix Operations Tool
Matrix A (e.g. 1 2; 3 4):
Random
1 3
8 4
1 3
8 4
Matrix B (e.g. 1 2; 3 4):
Random
3 4
5 6
3 4
5 6
Add
Subtract
Multiply
Transpose
Determinant
Output
4 7
13 10
Steps: Adding matrices elementwise.


Matrix Operations Tool
Matrix A (e.g. 1 2; 3 4):
Random
9 5
7 3
9 5
7 3
Matrix B (e.g. 1 2; 3 4):
Random
2 2
1 0
2 2
1 0
Add
Subtract
Multiply
Transpose
Determinant
Output
7 3
6 3
Steps: Subtracting matrices elementwise.

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4): Random

```
1 6
8 2
```

1	6
8	2

Matrix B (e.g. 1 2; 3 4): Random

```
1 4
7 6
```

1	4
7	6

Add
Subtract
Multiply
Transpose
Determinant

Output

43	40
22	44

Steps: Multiplying matrices (dot product).

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4): Random

```
8 1
5 3
```

8	1
5	3

Matrix B (e.g. 1 2; 3 4): Random

```
1 6
7 1
```

1	6
7	1

Add
Subtract
Multiply
Transpose
Determinant

Output

Matrix A Result:

8	5
1	3

Matrix B Result:

1	7
6	1

Steps: Transposed Matrix A. Transposed Matrix B.

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4): Random

```
7 4
7 2
```

7	4
7	2

Matrix B (e.g. 1 2; 3 4): Random

```
4 4
7 3
```

4	4
7	3

Add

Subtract

Multiply

Transpose

Determinant

Output

Matrix A Result:

-14

Matrix B Result:

-16

Steps: Calculated determinant of Matrix A. Calculated determinant of Matrix B.