CSC 340.01 Homework #4 Problem 2

Thomas X Mei

91164746

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Read Me

You are prompted to enter a value for N for NxN dimension Matrix. Do it again for Matrix 2. You can then check the values of a location of the first and second matrix. Then you may set/change values of the matrix at specified locations. Product and negation is shown.

Sample Output:

Square Matrices!!!

Please state the value of N for your N-by-N matrix: 2

1: 1

2: 2

3: 3

4: 4

This is your matrix:

1 2

3 4

Please enter same value N as you did earlier or errors will occur: 2

1: 5

2: 6

3: 7

4: 8

This is your matrix:

5 6

7 8

What value would you like to know from First Matrix?

Row 1 = 0

What row would you like to check?

0

What col would you like to check?

0

The value is : 1

What value would you like to know from second Matrix?

Row 1 = 0

What row would you like to check?

1

What col would you like to check?

1

The value is : 8

Setting a new value to a location for First Matrix

Row 1 = 0

Which row would you like to set?

0

which col would you like to check?

1

what value would you like to set this location with?

87897

This is your matrix:

1 87897

3 4

Setting a new value to a location for First Matrix

Row 1 = 0

Which row would you like to set?

1

which col would you like to check?

1

what value would you like to set this location with?

123158198

This is your matrix:

5 6

7 123158198

This is the difference of the two Matrices:

1 87897

3 4

This is the Product of the two Matrices:

0 0

0 0

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Process exited after 18.9 seconds with return value 0

Press any key to continue . . .