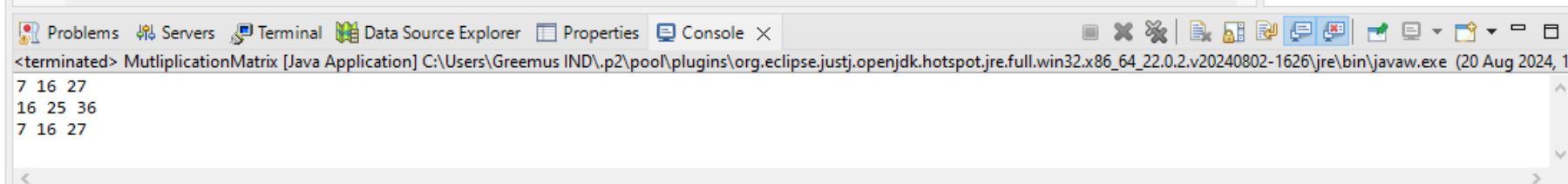
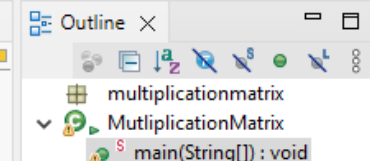
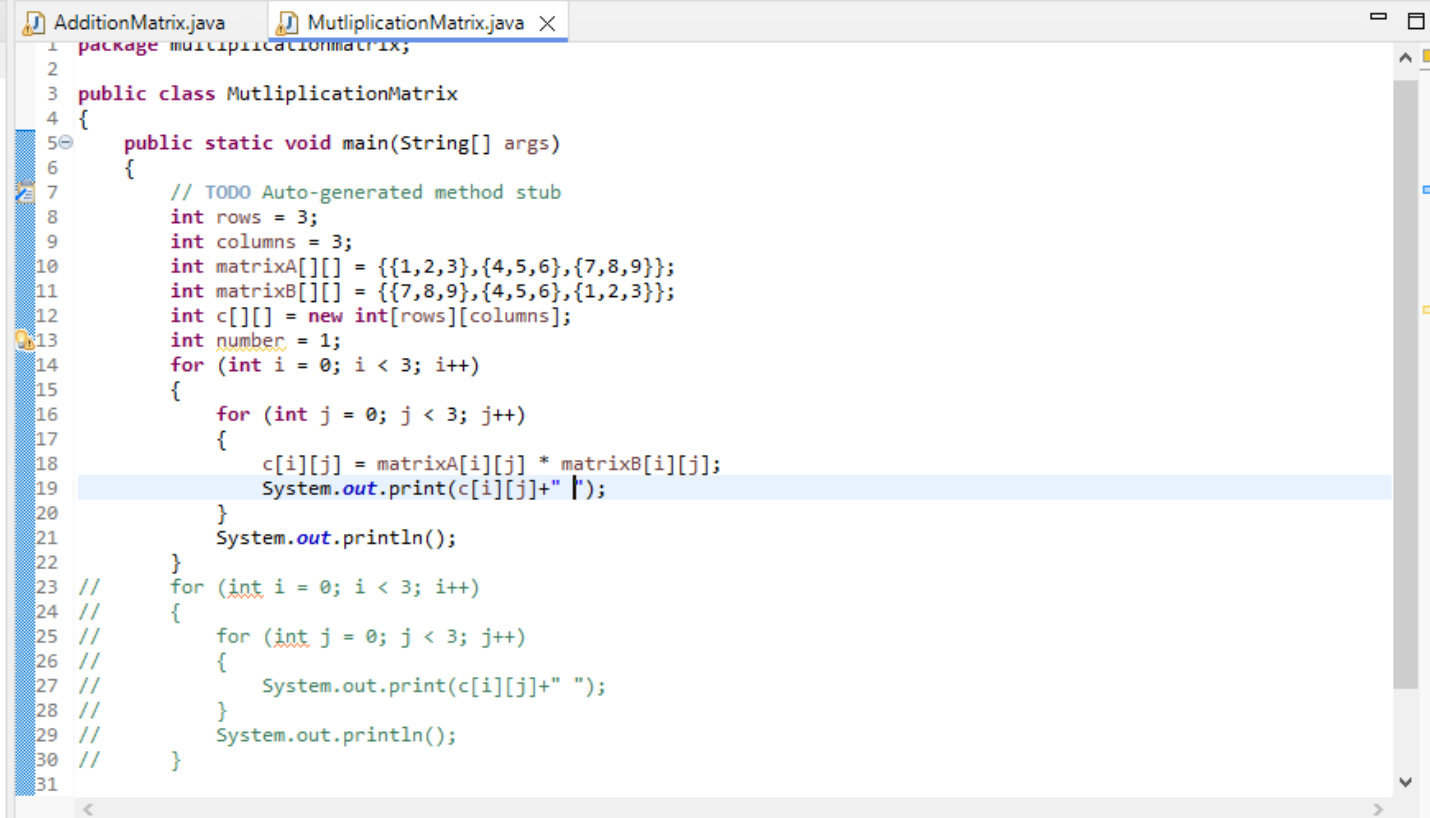


Problems Servers Terminal Data Source Explorer Properties Console

```

<terminated> AdditionMatrix [Java Application] C:\Users\Greemus IND\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_22.0.2.v20240
2 4 6
8 10 12
16 16 16
  
```

	Writable	Smart Insert	15 : 24 : 362	
--	----------	--------------	---------------	--




```
1 package rowwisesum;
2 public class RowWiseSumOfMatrix
```

```
13         System.out.println("Sum of row " + (i + 1) + ": " + sum);
14     }
```



7:11:178

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ArraysPrograms

JRE System Library [JavaSE-1.8]

src

additionmatrix

columnwisesum

ColumnWiseSum.java

multiplicationmatrix

rowwisesum

sumofelements

transposematrix

Multiplicati...

TransposeMa...

SumOfElemen...

RowWiseSumOf...

ColumnWiseSu...

Outline

columnwisesum

ColumnWiseSum

main(String[]) : void

```
1 package columnwisesum;
2
3 public class ColumnWiseSum
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         int matrix[][] = {{1,2,3},{4,5,6},{7,8,9}};
9         for (int j = 0; j < 3; j++)
10         {
11             int sum = 0;
12             for (int i = 0; i < 3; i++)
13             {
14                 sum += matrix[i][j];
15             }
16             System.out.println("Sum of column elements" +(j+1)+ " : "+sum);
17         }
18     }
19 }
20
21 }
22 }
```

Problems

Servers

Terminal

Data Source Explorer

Properties

Console

<terminated> ColumnWiseSum [Java Application] C:\Users\Greemus IND\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_...

Sum of column elements2: 15

Sum of column elements3: 18

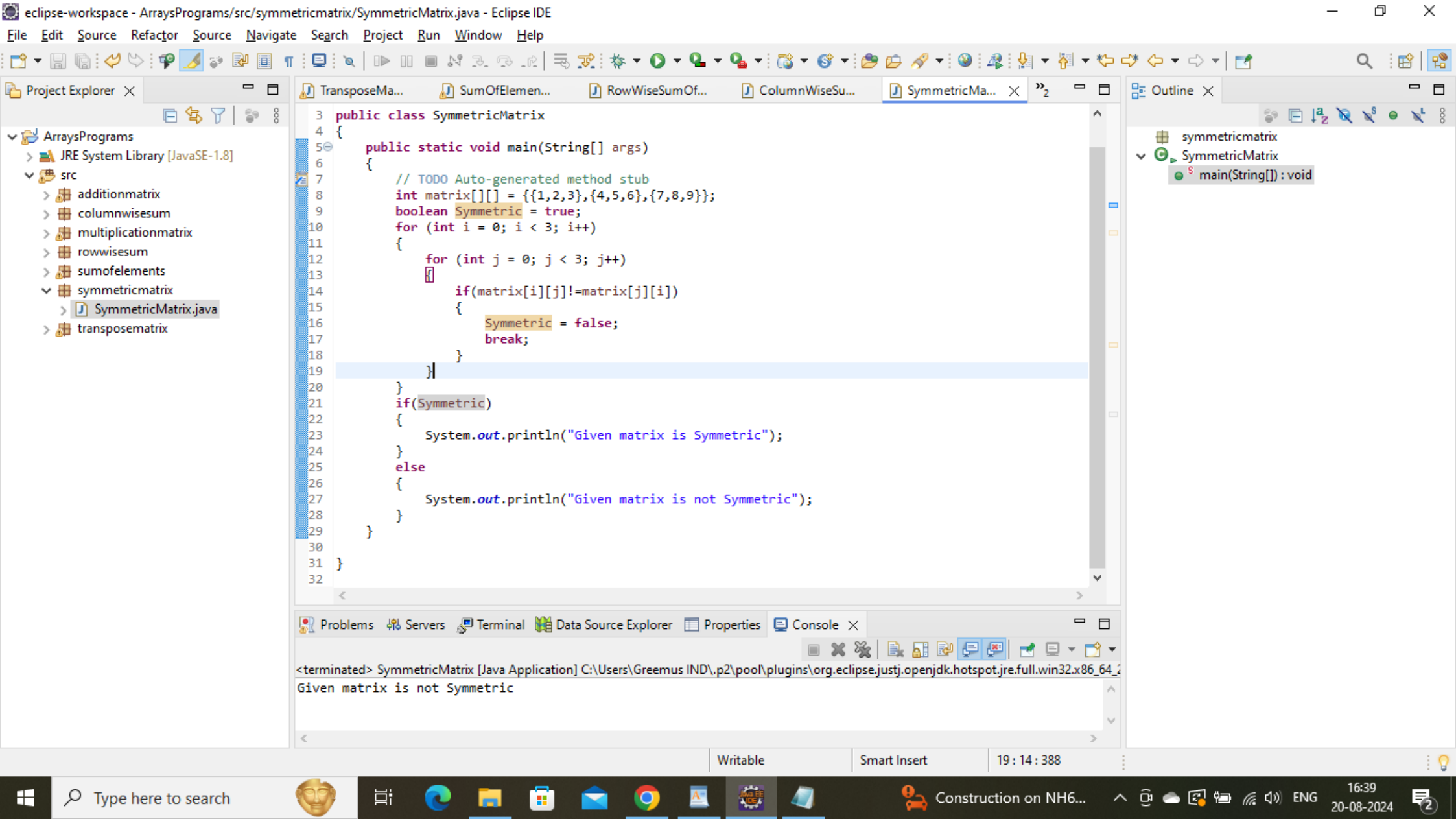
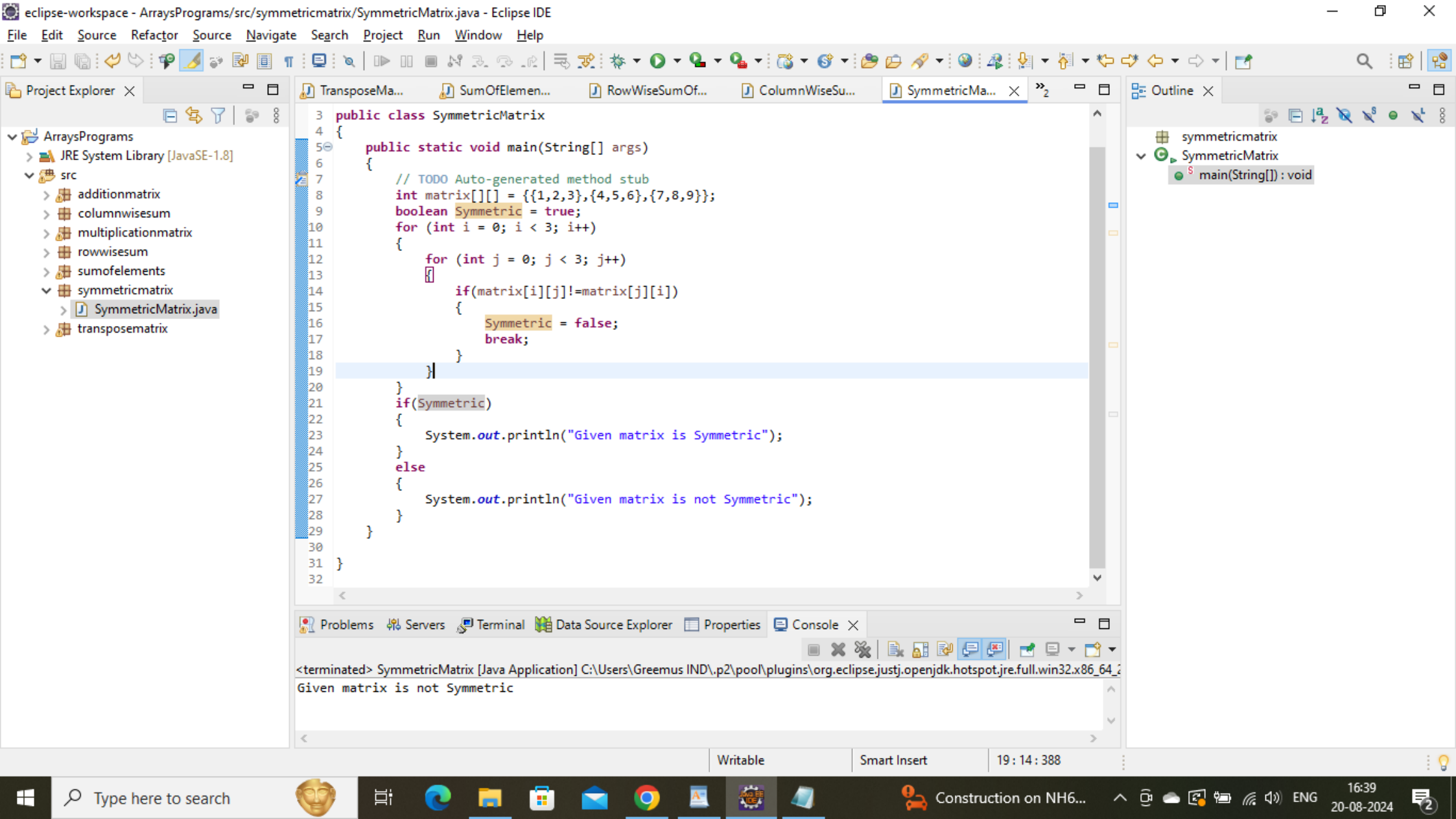
Writable

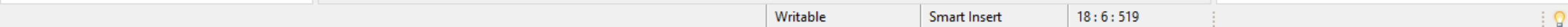
Smart Insert

14 : 32 : 298

15:11

20-08-2024





Project Explorer

- ArraysPrograms
 - JRE System Library [JavaSE-1.8]
 - src
 - additionmatrix
 - columnwisesum
 - diagonalsumofmatrix
 - multiplicationmatrix
 - rowwisesum
 - spiralordertraversalmatrix
 - SpiralOrderTraversalMatrix.java
 - sumofelements
 - symmetricmatrix
 - transposematrix

Outline

- spiralordertraversalmatrix
 - SpiralOrderTraversalMatrix
 - main(String[]) : void

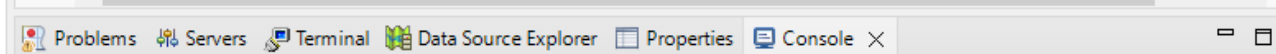
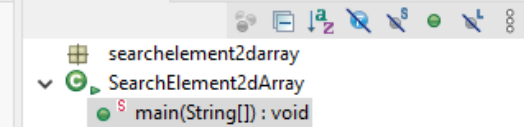
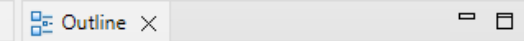
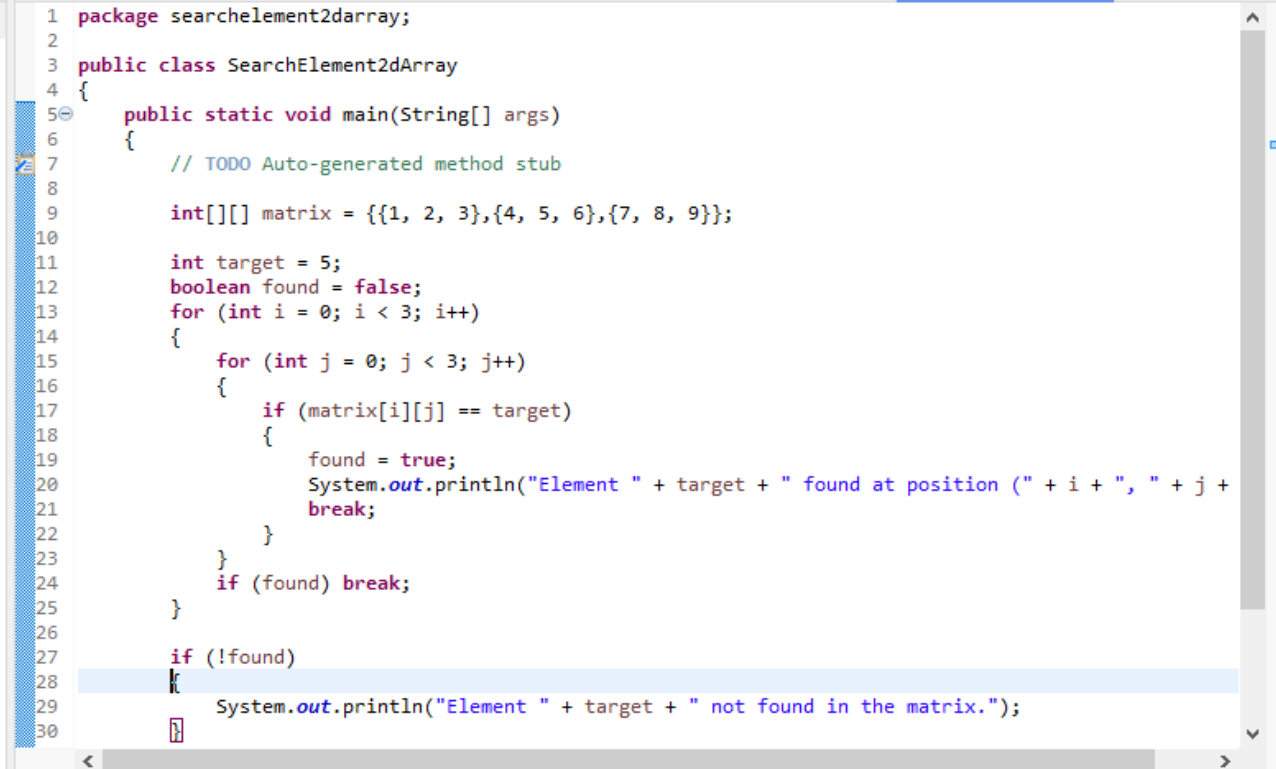
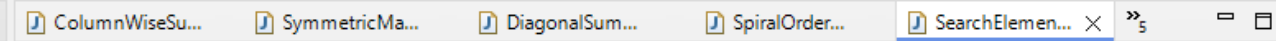
```
1 package spiralordertraversalmatrix;
2
3 public class SpiralOrderTraversalMatrix {
4     public static void main(String[] args) {
5         int[][] matrix = {
6             {1, 2, 3, 4}, {5, 6, 7, 8}, {9, 10, 11, 12}, {13, 14, 15, 16}};
7
8         int top = 0, bottom = 3, left = 0, right = 3;
9
10        while (top <= bottom && left <= right)
11        {
12            for (int i = left; i <= right; i++)
13            {
14                System.out.print(matrix[top][i] + " ");
15            }
16            top++;
17
18            for (int i = top; i <= bottom; i++)
19            {
20                System.out.print(matrix[i][right] + " ");
21            }
22            right--;
23
24            if (top <= bottom)
25            {
26                for (int i = right; i >= left; i--)
27                {
28                    System.out.print(matrix[bottom][i] + " ");
29                }
30                bottom--;
```

Problems Servers Terminal Data Source Explorer Properties Console

<terminated> SpiralOrderTraversalMatrix [Java Application] C:\Users\Greemus IND\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32

1 2 3 4 8 12 16 15 14 13 9 5 6 7 11 10





```
<terminated> SearchElement2dArray [Java Application] C:\Users\Greemus IND\.p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.jre\bin\java.exe
Element 5 found at position (1, 1)
```