

WaveTraversal - srishti

Class

Edit

Tools

Options

WaveTraversal X

Compile

Undo

Cut

Copy

Paste

Find...

Close

Source Code

```
Scanner sc = new Scanner(System.in);

int N = sc.nextInt();
int M = sc.nextInt();
int[][] arr = new int[N][M];

for (int i = 0; i < N; i++)
    for (int j = 0; j < M; j++)
        arr[i][j] = sc.nextInt();

for (int j = 0; j < M; j++) {
    if (j % 2 == 0) {
        for (int i = 0; i < N; i++) {
            System.out.print(arr[i][j] + " ");
        }
    } else {
        for (int i = N - 1; i >= 0; i--) {
            System.out.print(arr[i][j] + " ");
        }
    }
}
```

Class compiled - no syntax errors

saved

6



Q

Search













42



S

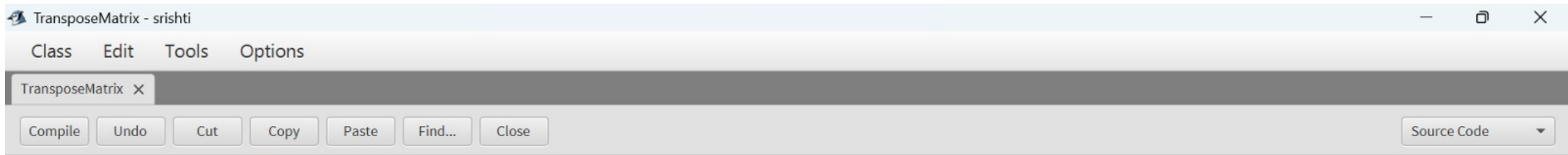






ENG  
IN

12:04 AM  
9/17/2025



```
// TRANSPOSE MATRIX
import java.util.*;
public class TransposeMatrix {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

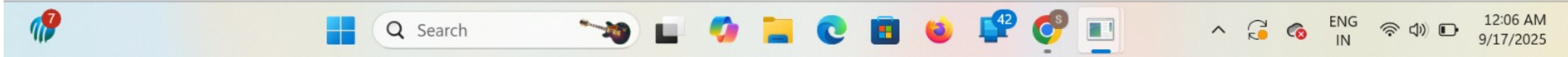
        int N = sc.nextInt();
        int M = sc.nextInt();
        int[][] arr = new int[N][M];

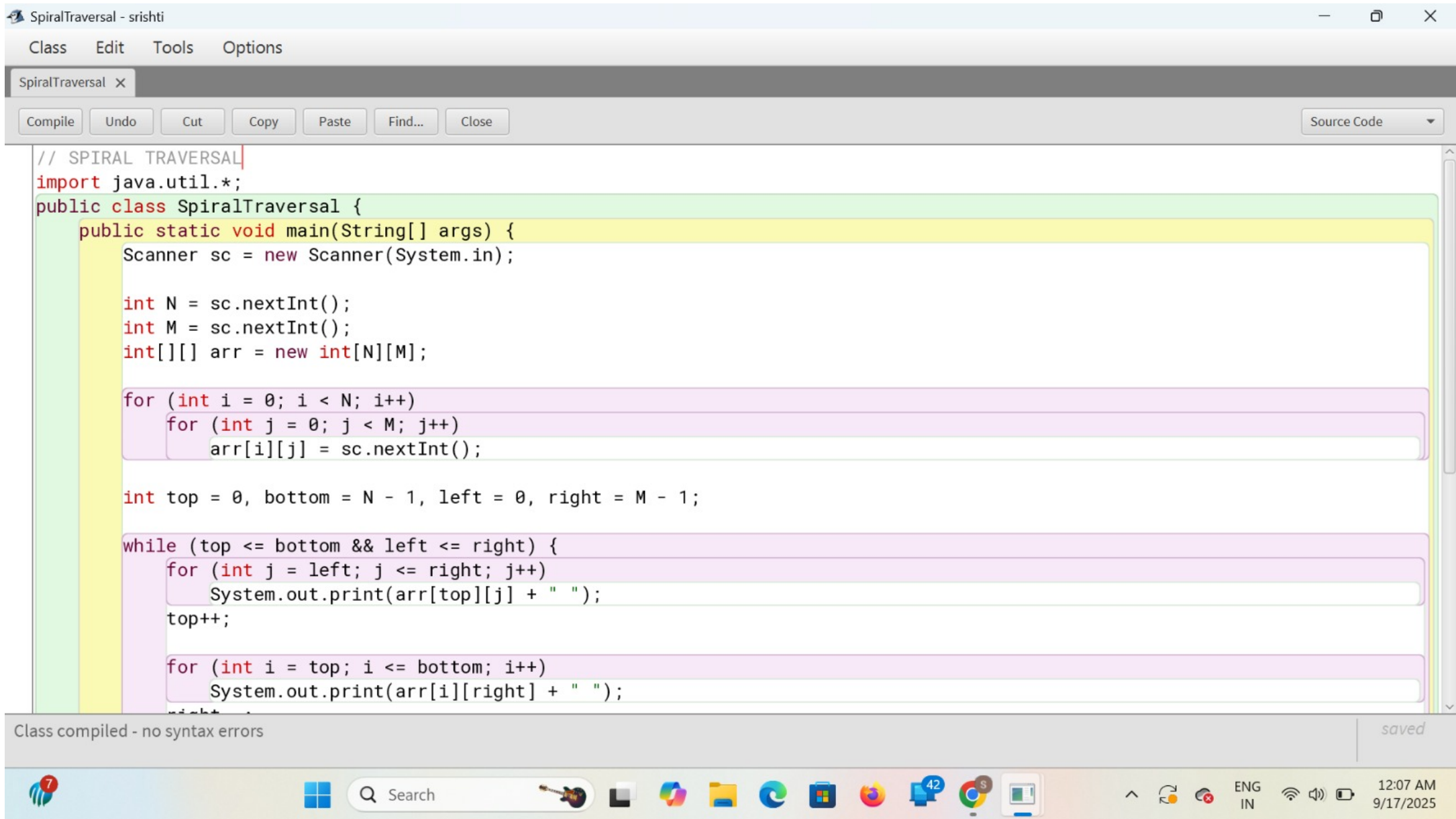
        for (int i = 0; i < N; i++)
            for (int j = 0; j < M; j++)
                arr[i][j] = sc.nextInt();

        for (int j = 0; j < M; j++) {
            for (int i = 0; i < N; i++) {
                System.out.print(arr[i][j] + " ");
            }
            System.out.println();
        }
    }
}
```

Class compiled - no syntax errors

saved





SpiralTraversal - srishti

Class Edit Tools Options

SpiralTraversal X

Compile Undo Cut Copy Paste Find... Close Source Code

```
while (top <= bottom && left <= right) {  
    for (int j = left; j <= right; j++)  
        System.out.print(arr[top][j] + " ");  
    top++;  
  
    for (int i = top; i <= bottom; i++)  
        System.out.print(arr[i][right] + " ");  
    right--;  
  
    if (top <= bottom) {  
        for (int j = right; j >= left; j--)  
            System.out.print(arr[bottom][j] + " ");  
        bottom--;  
    }  
  
    if (left <= right) {  
        for (int i = bottom; i >= top; i--)  
            System.out.print(arr[i][left] + " ");  
        left++;  
    }  
}
```

Class compiled - no syntax errors saved

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Windows Search

ENG IN

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