Week 08: Programming Assignment 5

Due on 2025-03-20, 23:59 IST

Expected Input/Output:

Input: 2 3 \ (Rows and Columns of first matrix) 1 2 3 4 5 6 3 2 \ (Rows and Columns of second matrix) 7 8 9 10 11 12

Output:

58 64 139 154

Input: 2 2 1 2 3 4 2 2 2 0 1 3

Output:

46 1012

Private Test cases used for evaluation Test Case 1

Input	Expected Output	Actual Output	Status
2 2 1 2			
3 4	4 6\n	4 6\n	Passed
2 2	10 12	10 12\n	
1 3			

The due date for submitting this assignment has passed. 1 out of 1 tests passed. You scored 100.0/100.

Assignment submitted on 2025-03-17, 23:25 IST

```
Your last recorded submission was:

1 import java.util.Scanner;
        public class W08_P5 {
   public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
}
                         int rows1 = scanner.nextInt();
int cols1 = scanner.nextInt();
int[][] matrix1 = new int[rows1][cols1];
for (int i = 0; i < rows1; i++) {
    for (int j = 0; j < cols1; j++) {
        matrix1[i][j] = scanner.nextInt();
}</pre>
                         int rows2 = scanner.nextInt();
int cols2 = scanner.nextInt();
int[][] matrix2 = new int[rows2][cols2];
for (int i = 0; i < rows2; i++) {
    for (int j = 0; j < cols2; j++) {
        matrix2[i][j] = scanner.nextInt();
    }
}</pre>
                         f (cols1 != rows2) {
    System.out.printin("Multiplication Not Possible");
    return;
                         System.out.print(" ");
                 }
System.out.println();
        scanner.close();
```

int rows1 = scanner.nextInt();
int cols1 = scanner.nextInt();
int[][] matrix1 = new int[rows1][cols1];
for (int i = 0; i < rows1; i++) {
 for (int j = 0; j < cols1; j++) {
 matrix1[i][j] = scanner.nextInt();
}</pre> int rows2 = scanner.nextInt();
int cols2 = scanner.nextInt();
int[][] matrix2 = new int[rows2][cols2];
for (int 1 = 0; i < rows2; i++) {
 for (int j = 0; j < cols2; j++) {
 matrix2[i][j] = scanner.nextInt();
 }
}</pre> if (cols != rows2) {
 System.out.println("Multiplication Not Possible");
 return; int[][] result = new int[rows1][cols2];
for (int i = 0; i < rows1; i++) {
 for (int j = 0; j < cols2; j++) {
 for (int k = 0; k < cols1; k++) {
 result[i][j] += matrix1[i][k] * matrix2[k][j];
 result[i][j];</pre>