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## **2D ARRAYS QUESTIONS**

**Question 1**: Print the number of 7's that are in the 2d array.

Example:

Input - int[][] array =  $\{ \{4,7,8\}, \{8,8,7\} \}$ ;

Output - 2

Question 2: Print out the sum of the numbers in the second row of the "nums" array.

Example:

Input - int[][] nums =  $\{\{1,4,9\},\{11,4,3\},\{2,2,3\}\}$ ;

Output - 18

Question 3: Write a program to Find **Transpose** of a Matrix.

What is Transpose?

Transpose of a matrix is the process of **swapping the rows to columns**. For a 2x3 matrix,

## **Matrix**

a11 a12 a13 a21 a21

Transposed Matrix

a11 a21

a12 a22

a13 a23