

function double[][]  
transposeMatrix(double[][]  
matrix)

double[][] transposedMatrix = new  
double[matrix[0].length][matrix.length];

A1

int i = 0; i < matrix.length; i++

A2

int j = 0; j < matrix[0].length; j++

transposedMatrix[j][i] = matrix[i]  
[j];

A1

A2

transposedMatrix;

end