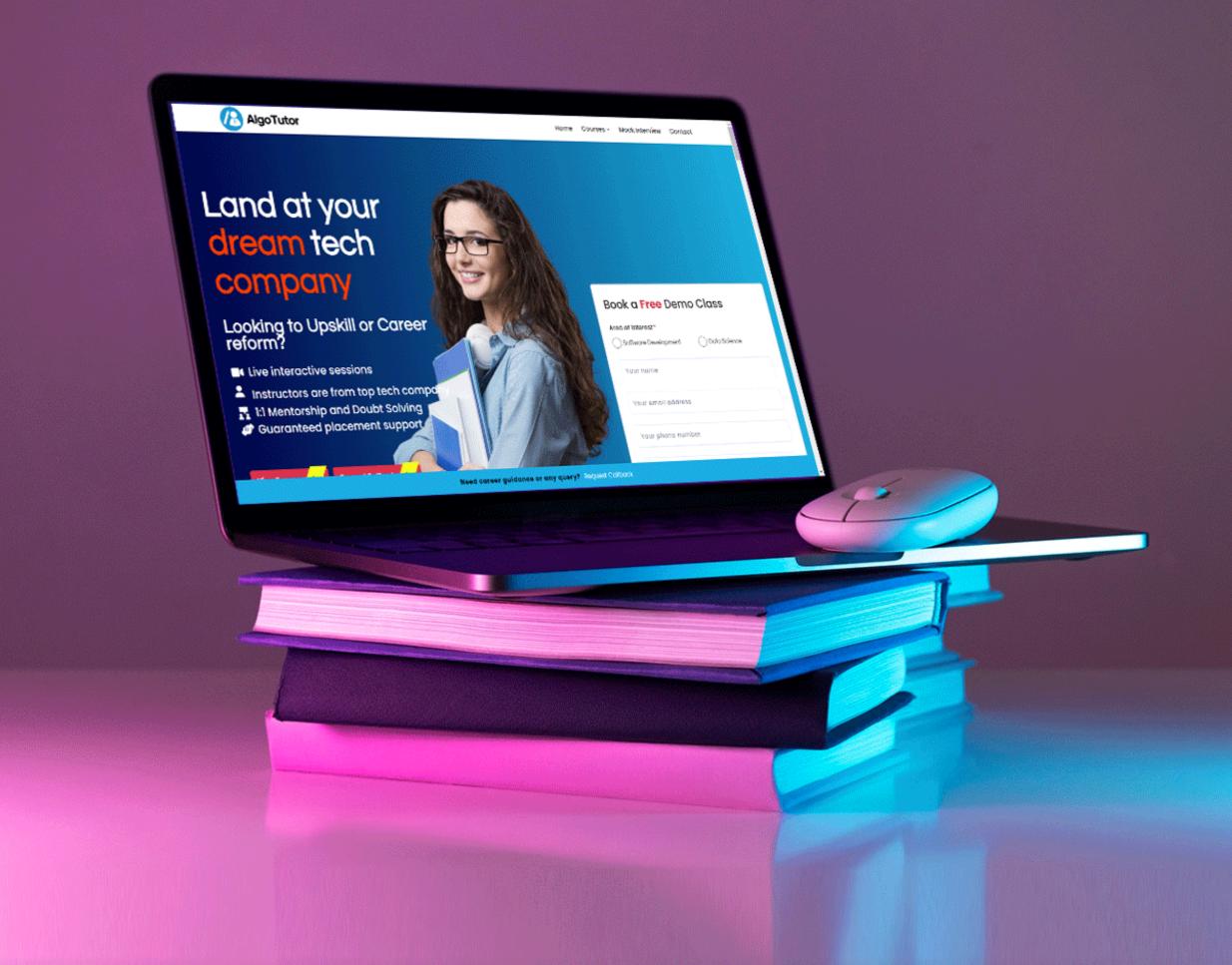# Q1. Spiral Matrix II   Medium

Given a positive integer n, generate an n x n matrix filled with elements from 1 to n2 in spiral order.

Practice

Q2. Richest Customer Wealth   Easy

You are given an m x n integer grid accounts where accounts[i][j] is the amount of money the ith customer has in the jth bank. Return the wealth that the richest customer has.

A customer's wealth is the amount of money they have in all their bank accounts. The richest customer is the customer that has the maximum wealth

Practice

Q3. Toeplitz Matrix   Easy

Given an m x n matrix, return true if the matrix is Toeplitz. Otherwise, return false.

A matrix is Toeplitz if every diagonal from top-left to bottom-right has the same elements.

Practice

Q4. Matrix Diagonal Sum `Easy`

Given a square matrix mat, return the sum of the matrix diagonals.

Only include the sum of all the elements on the primary diagonal and all the elements on the secondary diagonal that are not part of the primary diagonal.

Practice

Q5. Count Negative Numbers in a Sorted Matrix `Easy`

Given a m x n matrix grid which is sorted in non-increasing order both row-wise and column-wise, return the number of negative numbers in grid.

Practice

Q6. Transpose Matrix `Easy`

Given a 2D integer array matrix, return the transpose of matrix.

The transpose of a matrix is the matrix flipped over its main diagonal, switching the matrix's row and column indices.

Practice

Q7. Set Matrix Zeroes Medium

Given an m x n integer matrix matrix, if an element is 0, set its entire row and column to 0's.

Practice

Q8. Kth Smallest Element in a Sorted Matrix Medium

Given an n x n matrix where each of the rows and columns is sorted in ascending order, return the kth smallest element in the matrix.

Note that it is the kth smallest element in the sorted order, not the kth distinct element.

You must find a solution with a memory complexity better than O(n2).

Practice