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Assignment: Maximum Value Code in Technology assigned

**Technology**: ASP .NET CORE (Web App MVC)

Under Guidance: Niranjan Aradhye Sir.

## PROBLEM DEFINITION

Given is a matrix denoting a weighted table. Find a rectangle of sides of length at least 2, such that the minimum weight from the 4 corners of the rectangle is maximized. That is for the table A[N][M], find the maximum value of MIN(A[i1][j1], A[i1][j2], A[i2][j1], A[i2][j2]) such that  $1 \le i1 \le i2 \le N$  and  $1 \le j1 \le j2 \le M$ .

## **SOLUTION**

- Solution is created in Repository Pattern introduced in technology.
- Aims in solution is
  - 1. To take user input for  $\underline{ROW}$ ,  $\underline{COLUMN}$  and  $\underline{INPUT}$  for any test case.
  - 2. Generate Result and also save the record in database
- ☐ MAIN LOGIC AND VIEW PAGE



## ☐ TEST CASES RESULTS AS HISTORY IN VIEW



