

Requirement:

We need to create a web application that takes a square integer matrix from the user, and calculates transpose and/or checks if the matrix is an identity matrix. The user can check which operation to be performed and hits calculate.

A html page is already made for you (matrix.html)

Create a servlet that

- Displays the original matrix along with the required operation(s) output should be like the figure below.
- If both is Identity and Transpose are checked → do both
- If both is Identity and Transpose are NOT checked → display the original matrix only
- If ONLY “is Identity” is checked → check if matrix is identity only
- If ONLY Transpose is checked → calculate transpose only
- If the matrix is empty display a convenient message

Deliver a zip file with:

- Your code
- Configuration files (web.xml)
- Screenshots from your web application **covering all the test cases**

