

進階C語言實務

(20230328)

Homework 1 – Matrix4x4

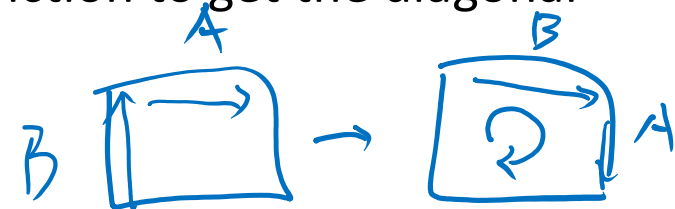
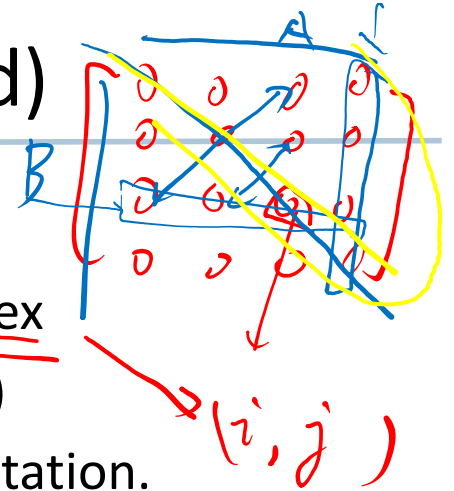
Cheng-Yen Chiang



Best practice : Matrix 4x4 (cont'd)

- **Homework:**

1. Find the Largest & Smallest Value in this array with index
2. Make a "Transpose" function (using Swap function)
3. Make a "Rot90" function with clockwise 90 degree rotation.
4. Make a "GetRow" function by giving row index
5. Make a "GetColumn" function by giving column index
- ✓ 6. Make a "GetDiagonal" function to get the diagonal vector "\"
- ✓ 7. Make a "GetInverseDiagonal" function to get the diagonal vector "/"
8. Calculate the determine value
- ✗ 9. Make a invert matrix





- The submitted folder needs include the C/C++ program file (only *.h & *.c/*.cpp).
- To present the results in word or pdf format, it includes snapshot of console display results and program descriptions, etc.

