



C Language : 2-D Array Assignment

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2-D Array Assignment

Truth can only be found in 1 place: the code

1. Write a C program to add two matrices in third Matrix (Using Static Memory Allocation).
2. Write a C program to subtract two matrices in third matrix (Using Static memory Allocation).
3. Write a c program to check whether given matrix is upper triangular or not (Using Static Memory Allocation).
4. Write a C program to check whether given matrix is lower triangular or not (Using Static Memory Allocation).
5. Write C Program to Check if a given Matrix is an Identity Matrix. (Using Static Memory Allocation).
6. Write a C Program to multiply two Matrices in third matrix (Using Static Memory Allocation).
7. Write C program to check if the matrix is symmetric or not (Using Static Memory Allocation).
8. Write a C Program to find the transpose of a given matrix (Using Static Memory Allocation).
9. Write a C Program to Search Element in a 2D Array (Using Static Memory Allocation).
10. Write C Program to read and print a Matrix , R and C must be input by User. (Using Static Memory Allocation).
11. Write C Program to Find Sum of all Elements of a Matrix.
12. Write C Program to Find Largest Element in a Matrix.
13. Write C Program to Print Sum of Each Row and Column of given Matrix. (if matrix 3x3, o/p => r1=_, r2=_, r3=_, c1=_, c2=_, c3=_)
14. Write C Program to Read a Matrix and Print Diagonals.
15. Write C program to check two matrices are identical or not.

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16. Write C program to interchange the rows in the matrix.(take row number as input to interchange exa. R1 with R3 or R2 with R3).

17. Write C program to interchange the columns in the matrix.(take column number as input to interchange exa. C1 with C3 or C2 with C3).

18. Write C program to arrange row elements in ascending order.

19. Write C program to arrange column elements in ascending order.

20. Write C program to find the count of even numbers in matrix.