



C-Pool

problem 145

Multiply two Matrices _v2

*This material is developed by IMTSchool for educational use only
All copyrights are reserved*

Write C Program to Multiply two Matrices by Passing Matrix to a Function.

This program asks the user to enter the size of the matrix (rows and column). Then, it asks the user to enter the elements of those matrices. To perform this task three functions are made:

- 1-To takes matrix elements from user `enterData()`
- 2-To multiply two matrix `multiplyMatrices()`
- 3-To display the resultant matrix after multiplication `display()`

Expected Output

```
Enter rows and column for first matrix: 3
2
Enter rows and column for second matrix: 2
3
Enter elements of matrix 1:
Enter elements a11: 1
Enter elements a12: 2
Enter elements a21: 3
Enter elements a22: 1
Enter elements a31: 22
Enter elements a32: 5
Enter elements of matrix 2:
Enter elements b11: 1
Enter elements b12: 4
Enter elements b13: 6
Enter elements b21: 8
Enter elements b22: 9
Enter elements b23: 7
Output Matrix:
17  22  20
11  21  25
62 133 167
```