```cpp
/*---Matrix Multiplication----*/

#include<iostream>
using namespace std;

int main()
{
    int n;
    cout << "Enter the dimension of your matrix:\n";
    cin >> n;

    int Multi[n][n], M1[n][n], M2[n][n];
    cout << "Enter first matrix:\n";
    for(int i = 0; i < n; i++)
    {
        for(int j = 0; j < n; j++)
        {
            cin >> M1[i][j];
        }
    }

    cout << "Enter second matrix:\n";
    for(int i = 0; i < n; i++)
    {
        for(int j = 0; j < n; j++)
        {
            cin >> M2[i][j];
        }
    }

    for(int i = 0; i < n; i++)
    {
        for(int j = 0; j < n; j++)
        {
            Multi[i][j] = 0;
            for(int k = 0; k < n; k++)
            {
                Multi[i][j] += M1[i][k] * M2[k][j];
            }
        }
    }

    cout << "Multiplication is: \n";
    for(int i = 0; i < n; i++)
    {
        for(int j = 0; j < n; j++)
```

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47:         {
48:             cout << Multi[i][j] << " ";
49:         }
50:         cout << endl;
51:
52:     }
53:
54:     return 0;
55: }
```