Practical No:- 1.C

Practical Implementation:-

Code:-

C++ Program - multiply Two Matrices

// C++ Program for matrix Multiplication

#include <iostream>

**using** **namespace** std;

**int** main()

{

**int** n = 2, m = 2;

**int** a[n][m] = { { 2, 5 }, { 1, 7 } };

**int** b[n][m] = { { 3, 7 }, { 2, 9 } };

**int** c[n][m];

**int** i, j, k;

**for** (i = 0; i < n; i++)

    {

**for** (j = 0; j < n; j++)

        {

            c[i][j] = 0;

**for** (k = 0; k < n; k++)

                c[i][j] += a[i][k] \* b[k][j];

        }

    }

**for** (**int** i = 0; i < n; i++)

    {

**for** (**int** j = 0; j < n; j++)

            cout << c[i][j] << " ";

        cout << endl;

    }

}

Output:-

