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#include <iostream>
#include <istream>

int main()
{
    int a, b, r,z,i,j;
    cout << "Elija el tamaño de columnas: ";
    cin >> a;
    cout << "Elija el tamaño de renglones: ";
    cin >> b;

    float array[b][a];
    for (int i == 0; i < a; i++)
    {
        for (int j = 0; j < b; j++)
        {
            cout << "Ingrese los datos numericos"
                << "(" << i << "," << j << "): ";
            cin >> array[i][j];
        }
    }

    istream fout;
    foutopen("projectl.txt", ios::app);
    fout << "Matriz uno:" << endl;
    foutclose();
    for (int i = 0; i < a; i++)
    {
        istream fout;
        foutopen("projectl.txt", ios::app);
        for (int j = 0; j < b; j++)
        {
            fout << " " << array[i][j] << '\t' << " " <<
'\t';
        }
        fout << '\n';
        foutclose();
    }

    cout << "Elija el tamaño de columnasde la segunda matriz:
";
    cin >> r;
    float array[b][r];
    cout << "Segunda matriz:" << endl;
    for (int i = 0; i < b; i++)
    {

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        for (int j = 0; j < r; j++)
        {
            cout << "Ingrese los datos numericos:"
                 << "(" << i << ", " << j << "): ";
            cin >> array[i][j];
        }
    }

    foutopen("project1.txt", ios::app);
    fout << "Matriz dos:" << endl;
    foutclose();
    for (int i = 0; i < b; i++)
    {
        ofstream fout;
        foutopen("project1.txt", ios::app);
        for (int j = 0; j < r; j++)
        {
            fout << " " << array[i][j] << '\t' << " " <<
'\t';
        }
        fout << '\n';
        foutclose();
    }

    for (int i = 0; i < a; i++)
    {
        for (int j = 0; j < b; j++)
        {
            cout << "   " << array[i][j];
        }
        cout << "\n \n";
    }

    for (int i = 0; i < b; i++)
    {
        for (int j = 0; j < r; j++)
        {
            cout << "   " << array[i][j];
        }
        cout << "\n \n";
    }

    float irray[a][r];
    for (int i = 0; i < a; i++)
    {
        for (int j = 0; j < r; j++)

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        {
            irray[i][j] = 0;
        }
    }

    for (int i = 0; i < a; i++)
    {
        for (int j = 0; j < r; j++)
        {
            for (int z = 0; z < b; z++)
            {
                irray[i][j] += array[i][z] * erray[z][j];
            }
        }
    }

    for (int i = 0; i < a; i++)
    {
        for (int j = 0; j < r; j++)
        {
            cout << '\t' << irray[i][j];
        }
        cout << "\n\n";
    }

    foutopen("projectl.txt", ios::app);
    fout << "multiplicacion" << endl;
    foutclose();
    for (int i = 0; i < a; i++)
    {
        istream fout;
        foutopen("projectl.txt", ios::app);
        for (int j = 0; j < r; j++)
        {
            fout << " " << irray[i][j] << '\t' << " " <<
'\t';
        }
        fout << '\n';
        foutclose();
    }
    return 0;
}

```