Central University of Haryana

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Branch: CSE 2nd year (4th Sem)

Subject: OOPS LAB (BT CS 405)

Submitted to: Dr. Anant Rajee Bara

Program Title: Write a program to read a matrix of size m x n from the keyboard and display the name using function

main oops-lab / oops lab-1

Go to file ...

Saikumar-202075 Create oops lab-1 Latest commit ce99efe 10 hours ago History

1 contributor

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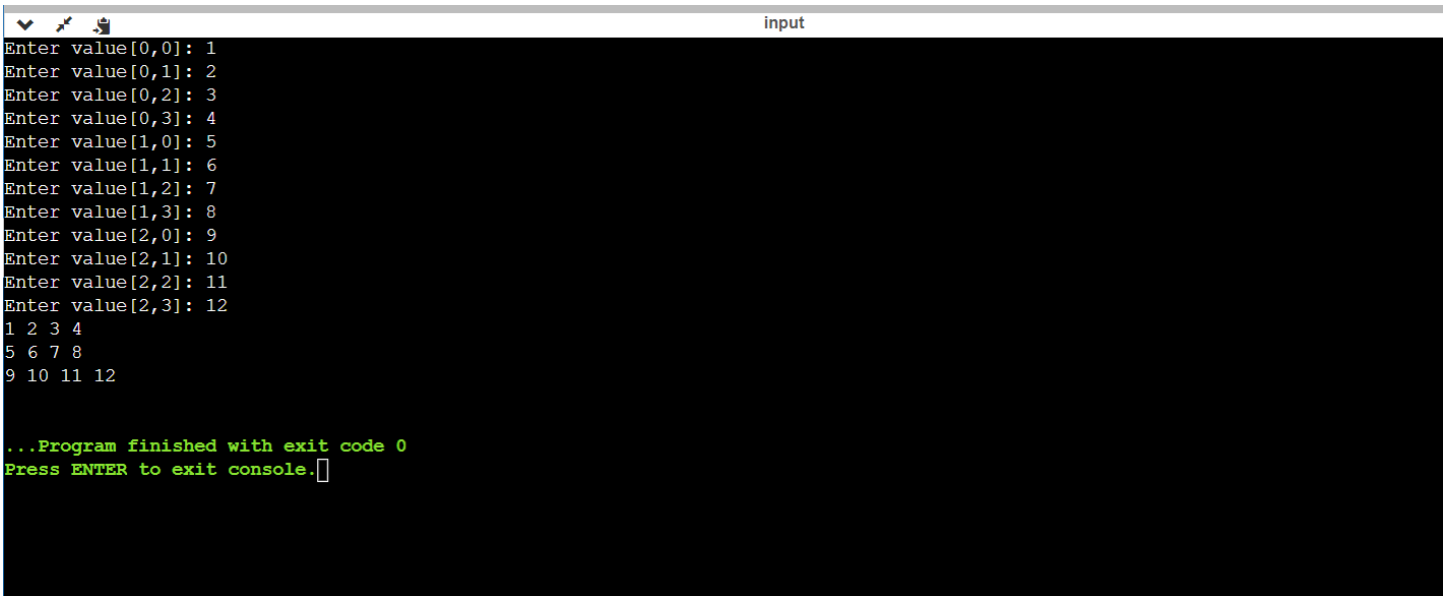
```
// Taking input of matrix and displaying it
#include <iostream>
using namespace std;

class Matrix{
    private:
        int rows=0;
        int columns=0;
        int * matrix = NULL;
    public:
        Matrix(int row,int col){
            rows = row;
            columns = col;
            matrix = new int[rows * columns];
        }
        void take_input(){
            for(int i=0;i<(rows);i++){
                for(int j=0;j<columns;j++){
                    cout<<"Enter value["<<i<<","<<j<<"]: ";
                    cin>>matrix[i * columns + j];
                }
            }
        }
        void display(){
            for(int i=0;i<rows;i++){
                for(int j=0;j<columns;j++){
                    cout<<matrix[i*columns +j]<<" ";
                }
                cout<<endl;
            }
        }
};


int main()
{
    Matrix m1(3,4);
    m1.take_input();
    m1.display();


    return 0;
}
```

Output



https://github.com/Saikumar-202075/oops-lab