

Answer on question #38523, Programming, C++

```
#include <cstdlib>
#include <stdio.h>
#include <iostream>

using namespace std;

int sumOfCornerElements(int** arrayOfInt, int numberOfRows, int numberOfColumns) {
    int sum = 0;
    sum += arrayOfInt[0][0] + arrayOfInt[0][numberOfColumns - 1];
    sum += arrayOfInt[numberOfRows - 1][0] + arrayOfInt[numberOfRows -
1][numberOfColumns - 1];
    return sum;
}

int main() {
    int **arrayOfInt;
    int rows;
    int columns;
    cout << "Enter number of rows: ";
    cin >> rows;
    cout << "Enter number of columns: ";
    cin >> columns;
    arrayOfInt = new int*[rows];
    for (int i = 0; i < rows; i++) {
        arrayOfInt[i] = new int[columns];
    }
    cout << endl << "Enter elements of two dimensional array" << endl;
    for (int i = 0; i < rows; i++) {
        for (int j = 0; j < columns; j++) {
            cin >> arrayOfInt[i][j];
        }
    }
    cout << endl << "Sum of the corner elements: " << sumOfCornerElements(arrayOfInt,
rows, columns) << endl;
    cout << endl << "Press enter to exit...";
    getchar();
    getchar();

    return 0;
}
```