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| **Ch11-01:** *Cube* |
| **Line#** | **Code** |
| 123456789101112131415161718192021222324252627282930313233 | #include <iostream>using namespace std;#define NOI(\_arr) (sizeof(\_arr)/sizeof(\_arr[0]))int main() { int Cube[4][3][2]{ {{1,1},{1,1},{1,1}}, {{2,2},{2,2},{2,2}}, {{3,3},{3,3},{3,3}}, {{4,4},{4,4},{4,4}}, }; cout << "NOI(Cube) is " << NOI(Cube) << endl; cout << "NOI(Cube[0]) is " << NOI(Cube[0]) << endl; cout << "NOI(Cube[0][0]) is " << NOI(Cube[0][0]) << endl; int total = 0; int\* p = (int\*)Cube; for (int i = 0; i < (NOI(Cube) \* NOI(Cube[0]) \* NOI(Cube[0][0])); i++) { total += p[i]; } //for (int x = 0; x < NOI(Cube); x++) { // for (int y = 0; y < NOI(Cube[0]); y++) { // for (int z = 0; z < NOI(Cube[0][0]); z++) { // total += Cube[x][y][z]; // } // } //} cout << "The total is " << total << endl; return 0;} |