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| **EX11-03.cpp:** *2-Dimensional Array Vs Array of Array* | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32 | #include <iostream>  using namespace std;  #define NOI(\_arr) (sizeof(\_arr)/sizeof(\_arr[0]))  int main() {  int table1[][4]{//2-Dimensional Array  {1,2,3,4},  {2,2,2,2},  {5,5,5,5},  };  for (int r = 0; r < NOI(table1); r++) {  for (int c = 0; c < 4; c++) {  cout << table1[r][c] << '\t';  }  cout << endl;  }  cout << endl << endl;  int r0[] = { 1,2,3,4 };  int r1[] = { 2,2,2,2 };  int r2[] = { 5,5,5,5 };  int\* table2[] = { r0,r1,r2 };//Array of Array  for (int r = 0; r < NOI(table2); r++) {  for (int c = 0; c < 4; c++) {  cout << table2[r][c] << '\t';  }  cout << endl;  }  return 0;  } |