**2-D Array**

**C# version:**

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| **Ex14-05CS.cs** |
| **Line#** | **Code** |
| 12345678910111213141516171819202122 | using System;namespace Ex14\_05CS { class Program { static void Main(string[] args) { Console.WriteLine("2-D Array in C#"); int[,] mA = new int[,]{ {1,2}, {3,4}, {5,6}, }; Console.WriteLine("This array dimension is {0}", mA.Rank); for(int r = 0; r < mA.GetLength(0); r++) { for (int c = 0; c < mA.GetLength(1); c++) { Console.Write("{0}\t", mA[r,c]); } Console.WriteLine(); } Console.ReadKey(); } }} |

**C++ CLR version:**

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| **Ex14-05CPP.cpp** |
| **Line#** | **Code** |
| 1234567891011121314151617181920 | #include "pch.h"using namespace System;int main(array<System::String ^> ^args){ Console::WriteLine("2-D Array in C++"); array<int,2>^ mA = gcnew array<int,2>{ {1,2}, {3,4}, {5,6}, }; Console::WriteLine("This array dimension is {0}", mA->Rank); for (int r = 0; r < mA->GetLength(0); r++) { for (int c = 0; c < mA->GetLength(1); c++) { Console::Write("{0}\t", mA[r,c]); } Console::WriteLine(); } Console::ReadKey();} |