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| 1 | namespace Sample  {  class SampleProgram  {  static void Main(string[ ] args)  {  int i;  int res = fun(out i);  Console.WriteLine(res);  }  static int fun (out int i)  {  int s = 1;  i = 7;  for(int j = 1; j <= i; j++)  {  s = s \* j;  }  return s;  }  }  }  5040 |
| 2 | namespace Sample  {  class SampleProgram  {  static void Main(string[ ] args){  int i = 5; int j;  fun1(ref i);  fun2(out j);  Console.WriteLine(i + ", " + j);  }  static void funl(ref int x){  x = x \* x;  }  static void fun2(out int x){  x = 6;  x = x \* x;  }  }  }  25,36 |
| 3 | namespace Test  {  class SampleProgram  {  static void Main(string[] args)  {  int num = 1;  funcv(num);  Console.Write(num + ", ");  funcr(ref num);  Console.Write(num + ", ");  }  static void funcv(int num)  {  num = num + 10; Console.Write(num + ", ");  }  static void funcr (ref int num)  {  num = num + 10; Console.Write(num + ", ");  }  }  }  1,11 |
| 4 | int i, j = 1, k;  for (i = 0; i < 5; i++)  {  k = j++ + ++j;  Console.Write(k + " ");  }  4 8 12 16 20 |
| 5 | static void Main(string[ ] args)  {  int[ ][ ] jagged = new int[2][ ];  jagged[0] = new int[ ] { 2, 4, 6, 8, 10 };  jagged[1] = new int[ ] { 1, 3, 5, 7, 9, 11 };  for (int row = 0; row < 2; row += 1)  {  for (int column = 0; column < jagged[row].Length; column += 3)  {  Console.Write("{0} ", jagged[row][column]);  }  Console.WriteLine( );  }  }  2 8 |
| 6 | System;  namespace IndiabixConsoleApplication  {  class MyProgram  {  static void Main(string[] args)  {  int index;  int val = 44;  int[] a = new int[5];  try  {  Console.Write("Enter a number:");  index = Convert.Tolnt32(Console.ReadLine());  a[index] = val;  Console.Write("Line Executed");  }  catch(FormatException e)  {  Console.Write("Bad Format");  }  catch(IndexOutOfRangeException e)  {  Console.Write("Index out of bounds");  }  Console.Write(" Remaining program");  }  }  }  **Input:** 6  Index out of bounds Remaining program |
| 7 | static void Main()  {  var stringValue = "Hello World!";  var stringValue2 = stringValue;  stringValue = "Hello Austria!";  System.Console.WriteLine(stringValue2);  var array = new[] { 1, 2, 3, 4 };  var array2 = array;  array[0] = 99;  System.Console.WriteLine(array2[0]);  }  Hello World!  99 |