

# Use a nested try block

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/*
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by Herbert Schildt

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*/

// Use a nested try block.

using System;

public class NestTrys {
public static void Main() {
// Here, numer is longer than denom.
int[] numer = { 4, 8, 16, 32, 64, 128, 256, 512 };
int[] denom = { 2, 0, 4, 4, 0, 8 };

try { // outer try
for(int i=0; i < numer.Length; i++) { try { // nested try
Console.WriteLine(numer[i] + " / " + denom[i] + " is " +
numer[i]/denom[i]); } catch (DivideByZeroException) { // catch
the exception Console.WriteLine("Can't divide by Zero!"); } }
} catch (IndexOutOfRangeException) { // catch the exception
Console.WriteLine("No matching element found.");
Console.WriteLine("Fatal error -- program terminated."); } } }
[/csharp]
```