

An exception can be generated by one method and caught by another

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/*
C#: The Complete Reference
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*/

/* An exception can be generated by one
method and caught by another. */

using System;

class ExcTest {
// Generate an exception.
public static void genException() {
int[] nums = new int[4];

Console.WriteLine("Before exception is generated.");

// Generate an index out-of-bounds exception.
for(int i=0; i < 10; i++) { nums[i] = i;
Console.WriteLine("nums[{0}]: {1}", i, nums[i]); }
Console.WriteLine("this won't be displayed"); } } public class
ExcDemo2 { public static void Main() { try {
ExcTest.genException(); } catch (IndexOutOfRangeException) {
// catch the exception Console.WriteLine("Index out-of-
bounds!"); } Console.WriteLine("After catch statement."); } }
[/csharp]
```