

# Demonstrate handling

# exception

```
/*
C#: The Complete Reference
by Herbert Schildt

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*/

// Demonstrate exception handling.

using System;

public class ExcDemo1 {
public static void Main() {
int[] nums = new int[4];

try {
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"); } catch
(IndexOutOfRangeException) { // catch the exception
Console.WriteLine("Index out-of-bounds!"); }
Console.WriteLine("After catch statement."); } } [/csharp]
```