

Use finally

```
/*
C#: The Complete Reference
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*/

// Use finally.

using System;

class UseFinally {
public static void genException(int what) {
int t;
int[] nums = new int[2];

Console.WriteLine("Receiving " + what);
try {
switch(what) {
case 0:
t = 10 / what; // generate div-by-zero error
break;
case 1:
nums[4] = 4; // generate array index error.
break;
case 2:
return; // return from try block
}
}
catch (DivideByZeroException) {
// catch the exception
Console.WriteLine("Can't divide by Zero!");
return; // return from catch
}
}
```

```
catch (IndexOutOfRangeException) {
// catch the exception
Console.WriteLine("No matching element found.");
}
finally {
Console.WriteLine("Leaving try.");
}
}
}

public class FinallyDemo {
public static void Main() {

for(int i=0; i < 3; i++) { UseFinally.genException(i);
Console.WriteLine(); } } } [/csharp]
```