

Use finally

```
/*
C#: The Complete Reference
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Publisher: Osborne/McGraw-Hill (March 8, 2002)
ISBN: 0072134852
*/

// 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]
```