

```
1 namespace EjemploTryCatchFinally
2 {
3     public class Function
4     {
5         private readonly string _test;
6
7         public Function()
8         {
9             _test = "valor por defecto";
10        }
11
12        public void ExecuteFunction()
13        {
14            try
15            {
16                Console.WriteLine("Este es el try");
17                _test.Clone();
18                List<string> list = new List<string>();
19                List<string> list2 = new List<string> { "Uno", "Dos",
20                    "Tres" };
21                string test = list[1];
22            }
23            catch (Exception ex)
24            {
25                Console.WriteLine(ex);
26                Console.WriteLine("Existe un error en la funcion
27                    'ExecuteFunction'.");
28                Console.WriteLine(ex.Message);
29            }
30            finally
31            {
32                Console.WriteLine("Este es el finally");
33            }
34        }
35
36        public void ExecuteFunctionThrowException()
37        {
38            if (_test == null)
39            {
40                throw new Exception("El atributo test apunta a una
41                    referencia nula.");
42            }
43
44            Console.WriteLine();
45            if (_test == null)
46            {
47                throw new Exception();
48            }
49
50            return;
51        }
52    }
53 }
```

```
1 namespace EjemploTryCatchFinally
2 {
3     internal class Program
4     {
5         static void Main(string[] args)
6         {
7             Function function = new Function();
8             function.ExecuteFunction();
9             function.ExecuteFunctionThrowException();
10        }
11    }
12 }
```