**Implementing an Exception Handling Strategy**

Abrir : 02\_ErrorHandlingExample\_begin

2. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the toolbar, click the arrow next to the \*\*Start Debugging\*\* button, and then click \*\*Production\*\*.​

3. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*DEBUG\*\* menu, click \*\*Start Without Debugging\*\*.

>\*\*Note\*\*: The browser displays an Internal Server Error page.

4. In Microsoft Edge, click \*\*Close\*\*.

6. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the toolbar, click the arrow next to the \*\*Start Debugging\*\* button, and then click \*\*Development\*\*.​

7. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*DEBUG\*\* menu, click \*\*Start Without Debugging\*\*.

8. In Microsoft Edge, locate the following text:

```

ErrorHandlingExample.Startup+<>c\_\_DisplayClass1\_0+<<Configure>b\_\_0>d.MoveNext() in Startup.cs

+ 38. cnt.IncrementRequestPathCount(context.Request.GetDisplayUrl());

```

8. In Microsoft Edge, click the \*\*+\*\* (plus) sign near \*\*38\*\*, and then inspect the code.

9. In Microsoft Edge, locate the following text:

```

ErrorHandlingExample.Services.Counter.IncrementRequestPathCount(string requestPath) in Counter.cs

+ 19. UrlCounter[requestPath]++;

```

10. In Microsoft Edge, click the \*\*+\*\* (plus) sign near \*\*19\*\*, and then inspect the code.

11. In Microsoft Edge, click \*\*Close\*\*.

12. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, in Solution Explorer, expand \*\*Services\*\*, and then click \*\*Counter.cs\*\*.

13. In the \*\*Counter.cs\*\* code window, select the following code:

```cs

UrlCounter[requestPath]++;

```

14. Replace the selected code with the following code:

```cs

if (UrlCounter.ContainsKey(requestPath))

{

UrlCounter[requestPath]++;

}

else

{

UrlCounter.Add(requestPath, 1);

}

```

15. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*FILE\*\* menu, click \*\*Save All\*\*.

16. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*DEBUG\*\* menu, click \*\*Start Without Debugging\*\*.

17. In Microsoft Edge, click \*\*16\*\*.

18. In Microsoft Edge, locate the following text:

```

ErrorHandlingExample.Controllers.HomeController.GetDividedNumber(int id) in HomeController.cs

+ 32. DivisionResult divisionResult = \_numberCalculator.GetDividedNumbers(id);

```

19. In Microsoft Edge, click the \*\*+\*\* (plus) sign near \*\*32\*\*, and then inspect the code.

20. In Microsoft Edge, locate the following text:

```

ErrorHandlingExample.Services.DivisionCalculator.GetDividedNumbers(int number) in DivisionCalculator.cs

+ 20. if (number % i == 0)

```

21. In Microsoft Edge, click the \*\*+\*\* (plus) sign near \*\*20\*\*, and then inspect the code.

22. In Microsoft Edge, click \*\*Close\*\*.

23. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, in Solution Explorer, under \*\*Services\*\*, click \*\*DivisionCalculator.cs\*\*.

24. In the \*\*DivisionCalculator.cs\*\* code window, select the following code:

```cs

for (int i = 0; i < (number / 2) + 1; i++)

```

25. Replace the selected code with the following code:

```cs

for (int i = 1; i < (number / 2) + 1; i++)

```

26. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*FILE\*\* menu, click \*\*Save All\*\*.

27. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the toolbar, click the arrow next to the \*\*Start Debugging\*\* button, and then click \*\*Production\*\*.​

28. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*DEBUG\*\* menu, click \*\*Start Without Debugging\*\*.

29. In Microsoft Edge, click \*\*16\*\*.

>\*\*Note\*\*: The browser displays the numbers by which \*\*16\*\* can be divided.

30. In Microsoft Edge, click \*\*Close\*\*.

31. In the \*\*ErrorHandlingExample - Microsoft Visual Studio\*\* window, on the \*\*FILE\*\* menu, click \*\*Exit\*\*.