

## Quiz attempt

### Question 6

Answer saved

Marked out of 1

What is the purpose of the finally block in C# exception handling?

Select one:

- ☐ a. To re-throw an exception after it has been handled
- ☒ b. To provide a way to execute code regardless of whether an exception is thrown or not
- ☐ c. To catch any exceptions that occur in the try block
- ☐ d. To handle any exceptions that are not caught in the catch block

[Clear my choice](#)

### Question 7

Answer saved

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Anita needs to write code that closes a connection to a database. she needs to make sure that this code is always executed regardless of whether an exception is thrown. Where should Anita write this code?

Select one:

- ☒ Within a finally block
- ☐ Within a catch block
- ☐ Within a try
- ☐ Within the Main method

[Clear my choice](#)

## ← Question 8

Answer saved

Marked out of 1

Predict the output

```
public static void Main()
{
    int[] myints = new int[2];
    try
    {
        for (int i = 0; i < 3; i++)
        {
            myints[i] = i;
        }
    }
    catch (Exception e)
    {
        Console.WriteLine("Index Out Of Bounds Exception");
    }
    finally
    {
        Console.WriteLine("From Finally Block");
    }
}
```

Select one:

- ☐ The code will not compile
- ☐ From Finally Block
- ☐ The code will compile and abort upon execution
- ☒ Index Out Of Bounds Exception
- ☐ From Finally Block

[Clear my choice](#)

## Question 9

Answer saved

Marked out of 1

The \_\_\_\_\_ block is often used in association with the try block to write cleanup code.

Select one:

- ☒ finally
- ☐ catch
- ☐ static
- ☐ throw

[Clear my choice](#)

## ← Question 10

Answer saved

Marked out of 1

What is the purpose of the "try-catch-finally" block in C# exception handling?

Select one:

- ☐ a. To catch any exceptions that occur in the try block and handle them in the catch block, and execute code in the finally block if an exception was thrown.
- ☒ b. To catch any exceptions that occur in the try block, handle them in the catch block, and execute code in the finally block regardless of whether an exception was thrown or not.
- ☐ c. To catch all exceptions that occur in the try block and handle them in the catch block, and re-throw the exception in the finally block.
- ☐ d. To catch any exceptions that occur in the try block, handle them in the catch block, and re-throw the exception in the finally block.

[Clear my choice](#)

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