

C# 4.0

Assessment Fact Sheet

Overview

The C# 4.0 test measures knowledge of C# 4.0. The test is designed for experienced programmers, but an average performer in this role should pass this test.

Job Family/Title	Application Developer, Programmer
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Details

Average Testing Time (minutes)	33 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Designed for Unproctored Environment	Yes
Question Format	Multiple Choice – Adaptive
Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Arrays and Collections
- Class Members
- Delegates and Events
- Exception Handling
- Expressions
- Generics
- Grammar and Logic
- Reference and Value Types
- Unmanaged Resources and COM

Example Questions

```
using System;

public static class Program {
    static void Main(string[] args) {
        var person = new { FirstName = "Jon", LastName = "Doe" };
        try {
            Console.WriteLine("{0} {1}", person.FirstName,
                person.LastName);
        } catch (NullReferenceException) {
            Console.WriteLine("NullReferenceException");
        } catch {
            Console.WriteLine("Other Exception");
        }
    }
}
```

What is written to the console when you run the sample code above?

a <input type="radio"/>	JonDoe
b <input type="radio"/>	NullReferenceException
c <input type="radio"/>	Doe Jon
d <input type="radio"/>	Other Exception
e <input type="radio"/>	Jon Doe

Example Reports

Test: C# 4.0

This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

Score: 3.13

Proficiency Level: Proficient (2.51 - 3.50)

The candidate has mastered the basic concepts of C# 4.0, including:

- Arrays and Collections
- Class Members
- Delegates and Events

The candidate demonstrates a clear understanding of intermediate C# 4.0 concepts, such as:

- Expressions
- Exception Handling
- Generics
- Grammar and Logic

The candidate may have some knowledge of more advanced C# 4.0 concepts such as:

- Unmanaged Resources and COM
- Reference and Value Types

At the Proficient level, the candidate will be capable of working on most projects involving C# 4.0 with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

Percentile Comparisons

The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons		LowMediumHigh		
		30	70	100
Global Population	49	◆		
Company Population	47	◆		

Detail Item Results												
Order	Question	Topic	Description	Skill Level	Time Taken (seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	C#_4.0_BB_0156	Arrays and Collections	Collection Initializers	Basic	74.7	Yes						
2	C#_4.0_BB_0125	Exception Handling	Exception Handling	Intermediate	38.0	No						
3	C#_4.0_BB_0159	Class Members	Properties and Indexers	Basic	55.4	Yes						