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🌟 Top 49 C# Interview Questions 🌟 Part 2

Are you gearing up for a C# developer role? Whether you're a seasoned pro or just starting out, mastering these Top 50 C# Interview Questions will help you confidently tackle your next interview! 🚀

- 3 1 What are anonymous types in C#?
- 3 2 What is a tuple in C# and how is it used?
- 3 3 What is the difference between 'ref' and 'out' parameters in C#?
- 3 4 How does dependency injection work in C#?
- 3 5 What is the Singleton design pattern in C#?
- 3 6 Explain the Observer design pattern with an example in C#.
- 3 7 What is the Factory design pattern in C#?
- 3 8 What is the difference between synchronous and asynchronous programming in C#?
- 3 9 What is a Task in C#?
- 4 0 Explain the concept of threads in C#.
- 4 1 What is the difference between a thread and a process in C#?
- 4 2 What are thread-safe collections in C#?
- 4 3 What is the difference between ConcurrentBag, ConcurrentQueue, and ConcurrentStack in C#?
- 4 4 How does the 'lock' statement work in C#?
- 4 5 What is the difference between 'Dispose' and 'Finalize' methods in C#?
- 4 6 What is the purpose of the 'dynamic' keyword in C#?
- 4 7 How does pattern matching work in C#?
- 4 8 What is the difference between JSON serialization and XML serialization in C#?
- 4 9 What are the different ways to implement dependency injection in C#?

💡 Tip: Review each question thoroughly and understand the underlying concepts to showcase your expertise effectively!

🌟 Want personalized guidance?

If you'd like one-to-one training to prepare for C# interviews, feel free to DM [Sudheshwer Rai](#). Let's make your next interview a success! 🙌

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