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## 🌟 Top 49 C# Interview Questions 🌟 Part 1

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! 🚀

- 1 What is C# and what are its key features?
  - 2 Explain the difference between value types and reference types in C#.
  - 3 What is the difference between a class and a struct in C#?
  - 4 Explain the concept of inheritance in C#.
  - 5 What is an interface and how is it different from an abstract class in C#?
  - 6 What is polymorphism in C#?
  - 7 Explain encapsulation with an example in C#.
  - 8 What is the difference between 'is' and 'as' operators in C#?
  - 9 What is the use of the 'sealed' keyword in C#?
  - 10 Explain the concept of delegates in C#.
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- 1 1 What are events in C#? How do you declare and use them?
  - 1 2 What is LINQ and how is it used in C#?
  - 1 3 Explain the difference between 'const', 'readonly', and 'static' in C#.
  - 1 4 What are extension methods in C#? Provide an example.
  - 1 5 Explain the use of the 'async' and 'await' keywords in C#.
  - 1 6 What are generics in C# and why are they used?
  - 1 7 What is the difference between IEnumerable and IQueryable in C#?
  - 1 8 What is the 'using' statement in C#?
  - 1 9 How does garbage collection work in C#?
  - 2 0 What is the difference between managed and unmanaged code in C#?
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- 2 1 What is the purpose of the 'unsafe' keyword in C#?
  - 2 2 Explain the concept of boxing and unboxing in C#.

- 2 3 What is a nullable type in C#?
- 2 4 How is exception handling implemented in C#?
- 2 5 What is the difference between 'throw' and 'throw ex' in C#?
- 2 6 What are attributes in C# and how are they used?
- 2 7 What is reflection in C#?
- 2 8 Explain the difference between early binding and late binding in C#.
- 2 9 What is the difference between 'override' and 'new' keywords in C#?
- 3 0 What is a lambda expression 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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