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🚀 Preparing for a C# Interview in Automation? Here's What You Need to Know!

As the demand for automation engineers continues to grow, C# remains a critical language in automation testing and development. If you're gearing up for a C# interview in the automation space, here are some key questions that will help you prepare! 💡

🔑 1. What is the difference between `==` and `Equals()` in C#?

Understanding the difference between reference type and value type comparison is key in automation tests.

🔑 2. Explain the concept of implicit and explicit wait in automation testing. How do you use them in C#?

This is a classic question for test automation candidates who work with frameworks like Selenium WebDriver.

🔑 3. What is a delegate in C#, and how is it used in automation?

Delegates are often used in event-driven programming. Knowing how to use them in test frameworks is crucial.

🔑 4. What is the purpose of the `async` and `await` keywords in C#?

These keywords are essential for writing asynchronous code and handling concurrency in automation tasks.

🔑 5. Can you explain the use of try-catch blocks in C# for error handling in automation tests?

Error handling is an integral part of automation testing, and C# offers robust ways to handle exceptions.

🔑 6. How would you create and use a custom exception in C#?

Custom exceptions can make your tests more readable and maintainable, especially in complex automation projects.

🔑 7. What are the different types of collections in C#, and how are they useful for data-driven testing?

Understanding collections like List, Dictionary, and Queue helps in handling test data efficiently.

🔑 8. What is dependency injection, and how can it be used in test automation frameworks?

Dependency injection improves testability and is essential for creating modular and maintainable test code.

🔥 Bonus Tip: Be ready to demonstrate your practical skills with C# through live coding challenges or real-world automation test scenarios!

💬 What's your go-to C# interview question for automation? Drop your thoughts or share any tips for

interview prep below! 📌

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