

Walmart - June 2024

About Yourself

1. Could you explain about yourself?

Swift Basics

2. What are optionals in Swift?
3. Suppose you create a custom type. How do you support optional and optional initialization?
4. How do you create a property wrapper that can be optional?
5. What are wrapped and projected values?
6. What is the `ExpressibleByNilLiteral` protocol?

Closures

7. What are closures in Swift? How do you resolve retain cycles with closures?
8. Are closures in Swift reference types or value types?

Objective-C vs Swift

9. Which language is better: Objective-C or Swift?
10. How do you perform method swizzling in Swift?
11. Why is dynamic dispatch better in Objective-C than Swift?
12. Are protocol functions used in structs dynamically dispatched or statically dispatched?

Access Control

13. What are the different access specifiers in Swift?
14. What is the difference between `private` and `fileprivate`?

SwiftUI Concepts

15. What is a `ViewBuilder` or `ResultBuilder`?

Git

16. What is the difference between `merge` and `rebase`?

Testing

17. How do you test private methods using XCTest?