

iOS Swift Course Content

Variables and Constant in SWIFT

- Understand variable declaration
- Understanding syntax for variable declaration
- Type defining the variable
- Understanding constant declaration
- Syntax for declaring the constant
- Understanding Type Annotation
- Type Alias and it's important
- Tuples and it's befinits
- How values are interpreted in print statement
- Understanding Optional Variables concepts
- Understanding Implicit Optional UnWrapping concepts

Operators and Collection Type in Swift

- Understand changes in some of the operators
- Understanding Array and Dictionary in Swift

Control Flow and Loops in Swift

- Understand If, If Else If and Switch statements in Swift
- Understanding various looping options in Swift

Functions or Methods, Closure and Subscripts in Swift

- Understanding Method declaration and parameters
- Understanding Functions as Type
- Talk about Functions as parameters
- Talk functions as returned type
- Nesting of function definition. Implementing functions within the functions
- Talk about Closure concepts
- Talk about Subscripts

Classes and OOPs concepts in SWIFT

- How Class is declared in SWIFT
- Class file structure in SWIFT
- How Factory design patterns works in SWIFT
- Talk about_INITIALIZER and deinitializer

Properties and Protocols in SWIFT

- Talk about properties
- Talk about properties in SWIFT
- How properties play vital role in memory management
- Talk about_INITIALIZER and deinitializer
- Talk about Protocols in Swift

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Automatic Reference Counting in SWIFT

- ARC concepts in SWIFT
- Strong Reference between instance of Classes
- Talk about references and Closure
- Talk about open chaining

Type Casting in SWIFT

- Talk about ANY
- Talk about AnyObject
- Talk about Nested Type
- Talk about Generic Types and Functions

Application setup in SWIFT

- Talk about the various classes created on Project creation
- Understand AppDelegate class

UIKit and SWIFT

- Talk about UIView Hierarchy
- Talk about various UI components
- Play with some of the UI elements

Application architect of iOS Application

- Talk about Single View Application
- Talk about Multi Controller Applications
- Type of multicontroller applications
- Implement some project with various Application Architech

Overview of playground