

Advanced Mobile Technology-1

UNIT :- 1

Introduction to Kotlin – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/introduction-to-kotlin/
IntelliJ Installation Guide – JetBrains	https://www.jetbrains.com/help/idea/installation-guide.html
Kotlin Variables – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_variables.htm
Kotlin Data Types – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_data_types.htm
Kotlin If-Else Expression – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_if_else_expression.htm
Kotlin When Expression – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_when_expression.htm
Kotlin Ranges – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-ranges/
Kotlin Functions – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-
Kotlin Arrays – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_arrays.htm
Kotlin Lists – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_lists.htm
Kotlin For Loop – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_for_loop.htm
Kotlin While Loop – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_while_loop.htm
Kotlin Break & Continue – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_break_continue.htm

UNIT :- 2

Kotlin Classes and Objects – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-class-and-objects/
Kotlin Constructors – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_constructors.htm
Kotlin Default and Named Arguments – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-default-and-named-argument/
Kotlin Abstract Classes – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_abstract_classes.htm
Kotlin Interfaces – Tutorialspoint	https://www.tutorialspoint.com/kotlin/kotlin_interface.htm
Kotlin Setters and Getters – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-setters-and-getters/
Kotlin Visibility Modifiers – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/kotlin-visibility-modifiers/

UNIT :- 3

JSON vs XML – GeeksforGeeks	https://www.geeksforgeeks.org/html/difference-between-json-and-xml/
Handling JSON with Kotlin – CodeSignal	https://codesignal.com/learn/courses/handling-json-files-with-kotlin-2/lessons/introduction-to-json-handling-with-kotlin

Extract JSON Data Using Retrofit – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/android-extract-data-from-json-array-using-retrofit-library-with-kotlin/
Kotlin Arrays – KotlinLang	https://kotlinlang.org/docs/arrays.html
Commenting in JSON – GeeksforGeeks	https://www.geeksforgeeks.org/javascript/how-to-comment-in-json-files/
Creating Multi-Screen Apps – GeeksforGeeks	https://www.geeksforgeeks.org/android/creating-multiple-screen-applications-in-android/
Send Data Between Activities – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-send-data-from-one-activity-to-second-activity-in-android/
Implicit vs Explicit Intents – GeeksforGeeks	https://www.geeksforgeeks.org/android/implicit-and-explicit-intents-in-android-with-examples/
Share Image Between Apps – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-share-image-of-your-app-with-another-app-in-android/
SQLite Database in Kotlin – GeeksforGeeks	https://www.geeksforgeeks.org/kotlin/android-sqlite-database-in-kotlin/
CRUD in Room Database – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-perform-crud-operations-in-room-database-in-android/
Add Data to SQLite – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-create-and-add-data-to-sqlite-database-in-android/
Delete Data in SQLite – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-delete-data-in-sqlite-database-in-android/
Get Current Location – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-get-current-location-in-android/
Open Camera and Display Image – GeeksforGeeks	https://www.geeksforgeeks.org/android/how-to-open-camera-through-intent-and-display-captured-image-in-android/