



Android Development Training Course content

Core JAVA:

Module 1: Introduction to JAVA

Session 1: Getting started with java data types, Variables and Operators.

Session 2: Java conditional Statements and looping Statements.

Session 3: Java User Defined Methods.

Session 4: Introduction to Object Oriented Programming, Object and class.

Session 5: Constructors, Inheritance, Abstraction, Polymorphism.

Session 6: Java Strings and Arrays.

Session 7: Java Exception Handling.

Session 8: Java Collections and inner classes.

Android App Development

Module 2: Introduction to Android App Development.

Session 9: Getting started with Android, Preparing android studio, Building the project, Android UI types, Life cycle phases.

Session 10: Working with Layouts and intents. Constraint layout, linear layout, relational layout, table layout.

Session 11: Working with Views, List View, Grid View, Card View, Recycle view

Session 12: Working with Activity and Fragments. Working with Activity life cycle and Fragments.

Session 13: Working with Images and sound. Adding Sound, Loading sounds, Playing sounds, Unloading sounds. Implement image in the app.

Session 14: Implanting video in App, Loading video, implementing video controls in Android App.

Session 15: Google Maps. Implementing the Google API's in Android Apps.

Session 16: Working with Menus and tool bar, Option Menu, Context menu, tool bar customization.



Session 17: Introduction to SQLite Database Integrating the SQLite to Android App

Session 18: Working with SQLite Databases Advanced SQLite implementation to Android App.

Session 19: introduction to JSON and Firebase. Working with Firebase.

Session 20: Firebase as backend for Android. Send, Retrieve data from firebase.