LEGEND

The Legend package is ideal for students who want to learn from the basics, build complex application and build careers in software development. Elementary coding skills would help.

Android Mobile App Development
15+ Yrs| 72 Classes| 6 Months| 50 Minutes| Certificate of Achievement

Learn to build native Android mobile applications like a professional and deploy them on the play store.	• Coding Skills • Standards • Professional Mobile App Development

LESSON PLAN

Class	Topic	Class	Project
1	Introduction to mySQL	Introduction to Database concepts	
2	Introduction to Android Studio and structure	Creating hello world App , learning user interface, elements and editors	Hello world
3	Basics of Java	Comments , method syntax, Java output, Variables	
4	Running Java programs	Conditionals, Loops, Arrays ,	
5	Java OOPS	Methods, Methods parameter, Method overloading ,	
6	Java OOPS mini project	program to find max value of an Array	Array project
7	Views and Widgets	View and View groups, edit text and UI editing in Android studio	Greeting Card Aoo
8	Buttons, Images	Learn to create a counter using buttons, listeners in Android and images.	Counter App
9	Layout design and adding functionalities	Learn to create an unit converter App	Unit converter
10	Mini Capstone Project	Learn how to create a Lucky number App	App
11	App Resources - Storing App icons	Drawable and shapes , App Icon	Personal App Icon
12	Creating Menu , more widgets	Learn to create a menu , use radio buttons , progress bar for the App	Shopping App
13	French Teacher App	Learn to create a language learning App	French teacher App
14	Introduction and methods of Adapters	Learn methods of adapters , displaying custom list view	French teacher App
15	Mastering Listview and Adapters	Learn to create a planets App based on listview and Adapters	Planets app
16	Shape Volume calculator	Using the concepts learnt , create a Shape Volume Calculator	Shape Volume Calculator
17	Recycler View	Introduction to Recycler view , view holder, adapter methods	Grocery App
18	Cardview in Android	Create a sports app with concepts of cardview and its layout	Sports App
29	Fragments in Android	Learn to build a Fragments App	Fragments App
20	Data Binding in Android	Data handling , handling click events	Data Binding
21	Quadratic equation App	Coding the project	Quadratic equation App
22	Firebase Realtime database	Create Phonebook App using Realtime database	PhoneBook App
23	Firebase authentication and storage	Create Journal App using concepts of firebase authentication and storage	The Journal App
24	Building a chatApp	Build a whatsApp clone - ChatApp	ChatApp
25	Language Translator App	CAPSTONE	Translator App

Lesson plan indicates the topics and projects and should not be read as topics covered per class. Not all projects are listed.