WebTos

Introduction To Java
Java Virtual Machine
Installing Eclipse
Data Type
Operations
IF Condition
Switch
Loops
Array
and ObjectsClasses
Functions
Constructor
Encapsulation
Inheritance
Polymorphism
Abstraction
Exception Handling

Android Framework

Introduction
Application Life-cycle
SDK
Installing Android Studio
Emulator / Developer Mode
Android Architecture
Learn Android Studio
Creating an Android Project
Activities

Components of Android (Front End)

Introduction
XML Language
Layout Introduction
Layout Learning
Create Constraints
Adjust Constraints Manually
Different Size Options

Device Independent Pixel
Text XML
Grid Layout
Linear layout
Relative Layout
Card Layout
Scroll View
Nested Scroll View
Progress Bar
Web View
Frame Layout
Table Layout
App Bar Layout
View
Include
Bottom Navigation View
Toolbar
Tab Item
Seek Bar
Search View
List View

App Resources (Front End)

Introduction
Gradient
Strings
Values
Vector File
SVG Files
Style
Mipmap
Menu
Themes
Animations

Component And Life Cycle of Android

Introduction
Intent
Activity
Fragment

Model
Classes
Adopter
Recycle View
List View
Array
View Binding

Shared Preferences and Data Saving

Introduction
Shared Preferences Class
Saving Data Local Memory
Calling Back Data
SQLite Database
Update Data

Firebase Backend

Introduction
Email / Google Facebook Sign Up
Real Time Database
Cloud Database
Online Image Storage App
Push notifications

Working with JSON on Android

Introduction

Array()

Objects()

Key

Value

JSON - Parsing

JSONObject

Json Parsing using Library

Using Volley Library

Using Retrofit Library

Working With API

Introduction
Retrofit, JSON and API - basic terminology
Build the UI of the User screen
Build the model and the structure the REST part of your project
User's screen - consume the API
Repositories screen - build the UI
Build the models and the REST components
Build the Interface, add the RecyclerView
Access to hundreds of public APIs
Gmail API

Working With AI

Introduction
Explaining the Libraries
Designing the layout
Scanning The Image/Documents
Connecting UI to Backend
Implementing Backend and Tidying UI

App Clone (Final)

Instagram Clone
Ecommerce App Clone
Uber Clone
Food App Clone