

Android Content

Basics of Android

- What is Android
- History and Version
- Installing soft wares
- Setup Android Studio
- Hello Android example
- Internal Details
- Dalvik VM
- Software Stack
- Android Core Building Blocks
- Android Emulator
- AndroidManifest.xml
- R.java file
- Hide Title Bar
- Screen Orientation

Android Components

- Activity
- Service
- Broadcast Receiver
- Content Providers

UI Widgets

- Working with Button
- Toast
- Custom Toast
- Button
- Toggle Button
- Image Button
- CheckBox
- AlertDialog
- Spinner
- AutoCompleteTextView
- RatingBar
- DatePicker
- TimePicker
- ProgressBar

Activity, Intent & Fragment

- Activity Lifecycle
- Activity Example
- Implicit Intent
- Explicit Intent
- Fragment Lifecycle
- Fragment Example
- Dynamic Fragment

Android Menu

- Option Menu
- Context Menu
- Popup Menu

Layout Manager

- Relative Layout
- Linear Layout
- Table Layout
- Grid Layout

Adaptor

- Array Adaptor
- ArrayList Adaptor
- Base Adaptor

View

- GridView
- WebView
- ScrollView
- SearchView

Advance Android

Android Service

- Android Service
- Android Service API
- Android Started Service
- Android Bound Service
- Android Service Life Cycle
- Android Service Example

Data Storage

- Shared Preferences
- Internal Storage
- External Storage

SQLite

- SQLite API
- SQLite Spinner
- SQLite ListView

JSON & XML

- JSON Parsing
- XML Parsing

Content Provider

- Content Provider Fundamental
- Contact Content Provider
- Other Built-in Content Providers
- Creating Custom Content Provider
- Understanding Content URI
- ContentResolver
- Sharing Information from custom content provider

Android Notification

- Notification API
- Creating Notification Builder
- Setting Notification Properties
- Attaching Actions
- Issuing Notification
- NotificationCompat.Builder class
- Android Notification Examples

Multimedia

- Multimedia API
- Playing Audio
- Creating Audio Player
- Playing Video
- Alarm Manager
- Gallery

Speech API

- TextToSpeech API
- TextToSpeech Example
- Managing speed and pitch
- Speech To Text

Telephony API

- Telephony Manager
- Get Call State
- Call State BroadcastReceiver
- Simple Caller Talker
- Making Phone Call
- Send SMS
- Send Email

Location API

- Location API Fundamental
- Example of Android Location API

- Working with Google Maps
- Android Map V2 API
- Adding Map
- Customizing Map
- GoogleMap class
- Android Google Map Application

Animation

- Android Animation API
- Android Drawable class
- Android Animation Example
- Android Rotate Animation
- Android Fade Animation
- Android Zoom Animation

Device Connectivity

- Bluetooth Tutorial
- List Paired Devices
- Working with WiFi
- Working with Camera

Android Web Services

- What is web service
- Soap Vs Restful web service
- Android Restful web service example with java servlet
- Storing data into external oracle database
- Verifying data in android with external oracle database

Social API Integrations

- Facebook Integration
- Google plus Integration
- Twitter Integration
- Ad Mob Integration

Material Design Basic Concepts

- Floating Action Buttons
- TextInputLayout
- SnackBar
- Recyclerview

Collapsing Toolbar Layout
Card Views
Navigation Drawer Using Material Design

Firestore Concepts

Firestore
RealTime DB
PushNotifications Using Firebase
Crashlytics
Analytics
DeepLinking
Distribution

Room DataBase

MVP
MVVM
RXJava
dagger2