

ANDROID SYALLABUS

Android Core

1. Basics of Android

- What is Android
- History and Version
- Installing software's
- Hello Android example
- Internal Details
- Android Emulator
- AndroidManifest.xml
- Need of Java or Kotlin

2. Layout Manager

- Relative Layout
- Linear Layout

3. UI Widgets

- Button
- Text View
- Edit Text
- Toast
- Image View
- Image Button
- Toggle Button / Radio Button and Radio Group
- Check Box

- Alert Dialog
- Spinner
- Auto Complete Text View
- Rating Bar
- Progress Bar
- Date picker

. Activity, Intent & Fragment

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

. View

- List View
- Card View
- Recycle View
- Web View
- Scroll View
- Search View



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6. Android Menu

- Option Menu
- Option menu Components

7. Tabs and Adaptor

- Array Adaptor
- Array List Adaptor
- Base Adaptor
- Custom Adapter

Android Advance

8. Data Storage

- Shared Preferences
- Internal Storage
- External Storage

9. SQLite Data Base

10. Firebase Integration.

11. Rest API

12. JSON

- JSON Parsing

13. Notifications

14. Services& Broadcast Receiver

15. Google Maps

16. Live Project



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