Android Online Course - Smart Mind Online Training, Hyderabad

Android Online Training Course Content

Faculty: Real time and certified

 • Basic Core Java Concepts
• Introduction to Android

• Overview of Android and Android SDK
• History of Android
• Android features

• Android Architecture overview

• Introduction to OS layers
• Linux kernel
• Libraries
• Android Runtime
• Application framework

• Setup of Android Development environment

• System requirements
• Eclipse and SDK installation, AVD creation
• Creating first Android application
• Project Structure

• Android Application Fundamentals

• Android application building blocks
• Activating components
• Shutting down components
• LifeCycle of Application
• Development tools, Manifest File
• LifeCycle of Activity

• User Interface

• View Hierarchy and Layouts
• UI Events
• Building Menus

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- Notifying users
- Creating dialogs
- Graphics & Animations

- Main Building Blocks

- Activity
- Intents
- Services
- Content Providers
- Broadcast Receivers

- Resources

- Overview of Android Resources
- Creating Resources
- Using Resources
- Drawable Resources
- Animation Resources

- Data Storage

- Shared Preferences
- Internal Storage (Files)
- External Storage(SD Card)
- SQLite Databases

- Android Media API

- Playing audio/video
- Media recording

- Blue tooth
- WiFi
- Camera
- Telephony Manager
- Location Services
- Google Maps
- Deploying Android Application on Device