



ANDROID APPS TWO DAYS WORKSHOP COURSE CONTENTS

First Day: Glance of Android

☐ First Session

☐☐ Introduction Android

- ☐ Open Platform for Mobile Development
- ☐ Introduction to JAVA Why java
- ☐ Android Platform
- ☐ Why Develop for Android
- ☐ What Does Android Run On?
- ☐ Introduction to Android SDK
- ☐ Android SDK Features
- ☐ Introducing the Development Framework
- ☐ Android Architecture

☐ Android Software installation

- ☐ How to install java Jdk
- ☐ How to install Eclipse IDE
- ☐ How to install Android SDK
- ☐ How to install Android Plug ins

☐ Second Session

☐ How to Create Applications & Activities

- ☐ Introducing the Application Manifest
- ☐ Android Application Life Cycle
- ☐ Externalizing Resources
- ☐ Creating Resources

☐☐ How to Create User Interfaces

- ☐ Fundamental Android UI Design
- ☐ Introducing Views
- ☐ Introducing Layouts
- ☐

☐ Practical Session

- ☐ How to create login program
- ☐ How to Use Different layouts

Second Day: Deep into Android

☐ First Session

☐ Introducing Intents

- ☐ Using Intents to Launch Activities
- ☐ Using Intents to Broadcast Events
- ☐ Introducing Adapters
- ☐ Android Graphics

☐ Threads & Async tasks

- ☐ UI (Main) thread Loppers
- ☐ Handlers, event flow from system
- ☐ writing threading programs Updating UI

☐ Practical Session

How to create A Music Player

☐ Second Session

☐ Introducing Content Providers

- ☐ Using Content Providers
- ☐ Using custom
- ☐ Native Android Content Providers

☐ Introducing Broadcast Receivers

- ☐ creating a service
- ☐ Content Providers
- ☐ Broadcast Receivers
- ☐ Alarms manager

☐ Practical Session

How to create list View Apps

- ☐☐ Query Solving
- ☐☐ Remove Errors & debugging & Run the Application
- ☐ Apps Competition

Project to Be Covered:

- ☐ Login apps
- ☐ Music Player
- ☐ camera apps
- ☐ picture

Animation

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