

Understanding Android Application Basics

BUILDING A SIMPLE APP



Jim Wilson

MOBILE SOLUTIONS DEVELOPER & ARCHITECT

@hedgehogjim blog.jwhh.com

Goals of This Course Series

Skills

Provide skills necessary
to be an effective
Android developer



Certification

Provide the knowledge
necessary to pass the
Android Associate Developer
exam



What to Expect from This Course Series



Understanding Android App Basics

Working with Android Tools & Testing

Enhancing the App Experience

Broadening App Appeal and Reach

Managing App Data with SQLite

Exposing Data & Info Outside Your App

Leveraging the Power of the Platform

What to Expect from This Module



Download and install Android Studio

Create a new Android project

Design UI layout

Add functionality with code

Test app with an Android emulator

Summary



Android Studio

- Complete Android dev environment

Layout files

- Describe UI

Activity

- Code and functionality to present UX

Android Emulator

- Run and test apps from your desktop
- a.k.a. Android Virtual Device (AVD)

What to Expect from This Course



Building a Simple App

Designing and Planning Our App

Understanding Activity & Layout Interaction

Working with Activities and Activity Lifecycle

Using Option Menus and Digging Deeper into Activity Lifecycle