

Session No.	Date	Resources	Topics Covered
1	13-Aug Sat	Demonstration	<p><u>Morning (10:00 – 13:00):</u></p> <ul style="list-style-type: none"> Installing Android Studio The Android SDK Manager Create a New Android Studio Project. <ul style="list-style-type: none"> Minimum & Target SDK. AVD Manager Create a Virtual Device. Android Project Structure <ul style="list-style-type: none"> java Resources AndroidManifest.xml Intent Android Software Stack and Gradle APK. <p><u>Afternoon (14:00-17:00):</u></p> <ul style="list-style-type: none"> Basic hello world application XML Layout Basics Densities Activity & Lifecycle <p>Exercise</p>
2	17-Aug Wed	Demonstration	<ul style="list-style-type: none"> Accessing views from within Java Buttons and Listeners Adding nested Layouts <p>Exercise</p>
3	20-Aug Sat	Demonstration	<p><u>Morning (10:00 – 13:00):</u></p> <ul style="list-style-type: none"> Creating a Simple ListView <ul style="list-style-type: none"> Adapter Manipulate ListView selections Creating ListView with custom adapter <ul style="list-style-type: none"> View holder pattern The action bar <p><u>Afternoon (14:00-17:00):</u></p> <ul style="list-style-type: none"> Connecting Activities <ul style="list-style-type: none"> Intents
4	24-Aug Wed	Demonstration	<p>Networking Considerations</p> <ul style="list-style-type: none"> Threads & Async Tasks
5	27-Aug Sat	Demonstration	<p><u>Morning (10:00 – 13:00):</u></p> <ul style="list-style-type: none"> Storage <ul style="list-style-type: none"> Shared preferences ORM <p>Exercise</p> <p><u>Afternoon (14:00-17:00):</u></p> <ul style="list-style-type: none"> NET WebAPI Connectivity Json serialization & deserialization