

Android Studio

Android:-

Android is one of the most popular operating systems with over 88% of phone running android.

XML :-

An XML file is used to build layouts in Android. Layouts are static pages (screens) that can be manipulated using Java code (programmatically). Declaring views in XML enables us to better separate the presentation of our applications from the code that controls its behaviour.

Android Studio:-

Android Studio is an IDE that makes it easy for us to write and build android applications. Very conveniently we can create emulators (virtual Android phones), see previews and build UI layouts using drag features.

Layout Editor:-

The layouts editor is used to quickly build layouts by dragging UI Elements which is easier to write XML by hand. We can set up

different attributes easily using the design mode in the layout editor.

APK:-

An APK is a collection of different files (like, code, audio, video, etc.) compiled and bundled into a single file.

AVD:-

AVD stands for Android virtual device. AVD is an emulator configuration that simulates a physical Android device.

Android UI Layouts:-

View is the base class for widgets (like, buttons, text fields etc.).

view = Basic building blocks.

view group holds view and view group. (Just like a box can hold objects and more boxes).

