What is Android ?

History of Android

The history and versions of android are interesting to know. The code names of android ranges from A to P currently, such as Astro, Blender, Cupcake, Donut, Eclair, Froyo, Gingerbread, Honeycomb, Ice Cream Sandwich, Jelly Bean, KitKat, Lollipop, Marhmallow, Nougat, Oreo and Pie. Let's understand the android history in a sequence.

• Initially, Andy Rubin founded Android Incorporation in Palo Alto, California, United States in October, 2003.
 • In 17th August 2005, Google acquired android Incorporation. Since then, it is in the subsidiary of Google Incorporation.
• The key employees of Android Incorporation are Andy Rubin, Rich Miner, Chris White and Nick Sears.
• Originally intended for camera but shifted to smart phones later because of low market for camera only.
• Android is the nick name of Andy Rubin given by co-workers because of his love to robots.
• In 2007, Google announces the development of android OS.
 • In 2008, HTC launched the first android mobile

Android is a mobile operating system currently developed by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets. And as we said before, Android offers a unified approach to application development for mobile devices.

Android is an open-source operating system named Android. Google has made the code for all the low-level "stuff" as well as the needed middleware to power and use an electronic device, and gave Android freely to anyone who wants to write code and build the operating system from it

Why Android ?

Major Devices that runs on Android Operating System

Smartphones

Tablets

android
Operating System

Smart watches

Smart TVs

History of Android Versions

Android 1.0 Sept 2008 Android 1.1 February 2009 → Cupcake April 2009 → Donut Sept 2009 → Eclair Oct 2009 → Froyo May 2010 → Gingerbread Dec 2010

Lollipop Nov 2014 → KitKat Oct 2013 → Jelly Bean Nov 2012 → Icecream Sandwhich Oct 2011 → Honeycomb Feb 2011

Marshmallow Oct 2015 → Nougat Aug 2016 → Oreo Aug 2017 → Pie Aug 2018 → Android 10 Sep 2019 → Android 11 Sep 2020

SETUP (STEP BY STEP)

1. Install the Java Development Kit

⬡   Download and install the Java Development Kit (JDK).

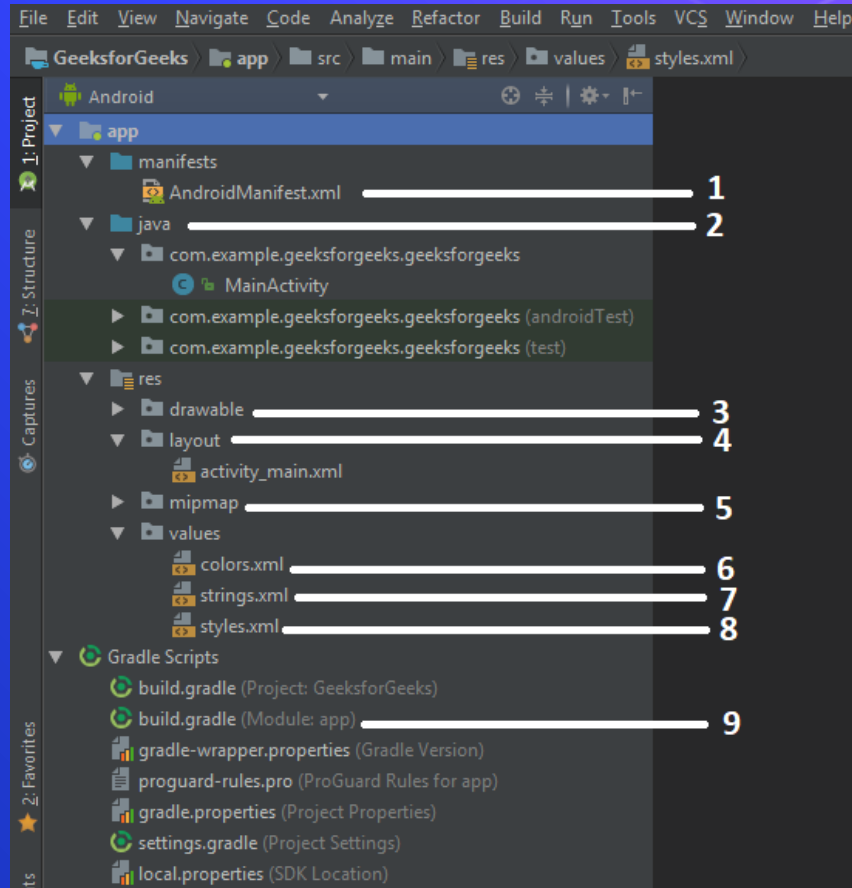2. Install Android Studio

⬡   Download from https://developer.android.com/studio.

3. Install the SDK using Android Studio

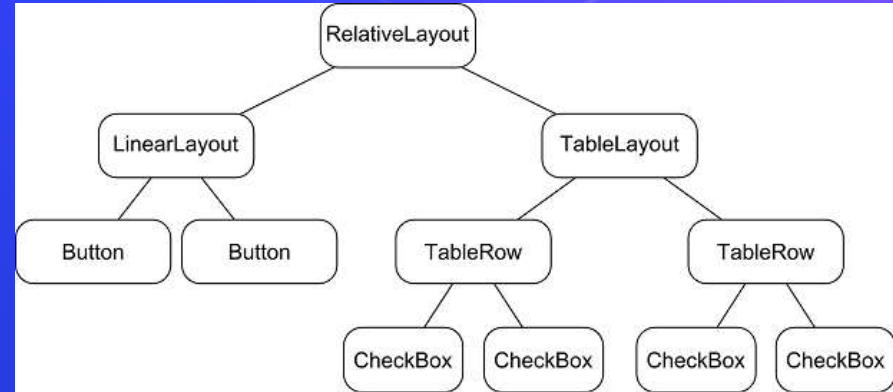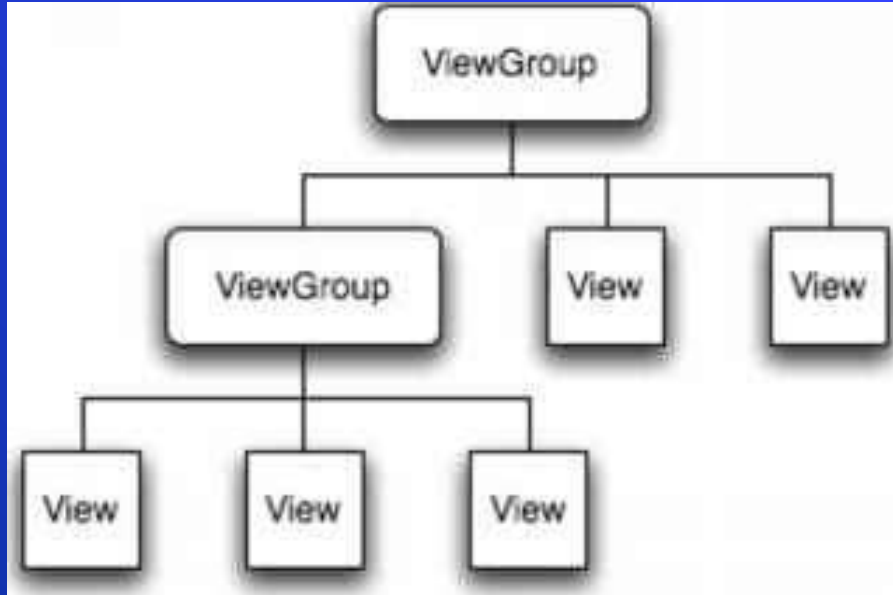4. Setup virtual machine

Android Application File Structure

Android View Hierarchy?

Thanks!

Any questions?