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| **Topic** | **Date** | **Sign** |
| **Practical No.1**  **Introduction to Android, Introduction to Android Studio IDE, Application**  **Fundamentals:** Creating a Project, Android Components, Activities, Interface overview, Creating Android Virtual device, Android Application Overview.  Simple “Hello World” program. |  |  |
| **Practical No.2**  Programming Resources  Android Resources: (Color, Theme, String, Drawable, Dimension, Image), |  |  |
| **Practical No.3**  Programming Activities : Activity Life Cycle, Activity methods |  |  |
| **Practical No.4**  **Programs related to different Layouts**  Linear, Relative and Table Lauouts |  |  |
| **Practical No.5**  **Programming UI elements**  Application Bar(AppBar) and UI Components(TextView,EditView,Button,Toast) |  |  |
| **Practical No. 6**  **Programs on Intents, Events, Listeners and Adapters**  The Android Intent Class, Using Events and Event Listeners |  |  |
| **Practical No.7**  **Programming menus and alert dialog** |  |  |
| **Practical No.8**  Create an android application that displays a login form with text for username and password and button for submit and reset. On submitting, toast should be displayed accordingly i.e. “Correct username and password” if username and password match and “Incorrect username/password” if username and password do not match. |  |  |
| **Practical No.9**  Create an android application to generate any random number on the clicking of Button. |  |  |
| **Practical No.10**  Create the standard calculator application in android. |  |  |
| **Practical No.11**  Create an android application that opens the website www.google.com in the browser on the clicking on Button using intent. |  |  |
| **Practical No.12**  **Create an android application to generate notification.** |  |  |
| **Practical No.13**  Create an android application using sqlite database to manage the students data  by using insert, update and delete operations and display the data. |  |  |