

## ASSIGNMENT 1

Sr. No.	Questions
1	Write down the code to create SignUp module for app using suitable layout and UI components.
2	Write down code to design screen using any suitable layout by including following Input Controls: EditText, SeekBar, CheckBox, RadioGroup of RadioButton, Switch, Spinner, ImageView, TextView, EditText, Button.
3	Write down code to create “Hello World” application by implementing all callback methods and one “SUBMIT” button using LinearLayout.
4	Write down the code to create an app with two activities with suitable layout and UI components. Also implement explicit intent to switch from one activity to another activity.
5	Write the code to create Torch Light android application to turn ON/OFF Flash Light.

## ASSIGNMENT 2

Sr. No.	Questions
1	Explain Android App Development process steps in detail with diagram.
2	Draw suitable diagram for Activity Lifecycle and explain it in detail.
3	Draw suitable diagram for Fragment Lifecycle and explain it in detail.
4	Explain detailed Android Architecture in detail with diagram.
5	Explain all log messages with suitable examples.
6	Explain types of Intent in detail with example.
7	Draw and explain Fragment Life Cycle in detail.
8	Explain all types of Layouts in detail with suitable example.
9	Explain all types of UI components in detail with suitable example.
10	Explain type of menus in detail.
11	Explain back button navigation with suitable diagram.
12	Explain /res directory in detail with suitable examples.
13	Explain List View with suitable example.
14	Explain RecyclerView with suitable example.
15	Differentiate ListView and RecyclerView.
16	Explain different designs of buttons used for android apps in detail with suitable examples. Also list out different states of button.
17	Explain Broadcast Receiver in detail with example.
18	Explain all data storage options in brief.
19	Differentiate Internal Storage and External Storage.
20	Explain Internal Storage in detail with example. OR Explain method for Saving and Loading local file in Android applications with example.
21	Explain CRUD operations using SQLite in detail with examples.
22	Explain SQLite characteristics in brief.
23	Explain SQLite ACID properties in detail.
24	Write down the process/steps to include/use the any sensor in android app.
25	Write down the process/steps to publish app in Playstore.
26	Write down the code to create SignUp module for app using suitable layout and UI components.
27	Write down code to design screen using any suitable layout by including following Input Controls: EditText, SeekBar, CheckBox, RadioGroup of RadioButton, Switch, Spinner, ImageView, TextView, EditText, Button.
28	Write down code to create "Hello World" application by implementing all callback methods and one "SUBMIT" button using LinearLayout.
29	Write down the code to create an app with two activities with suitable layout and UI components. Also implement explicit intent to switch from one activity to another activity.
30	Write the code to create Torch Light android application to turn ON/OFF Flash Light.

### ASSIGNMENT 3

Sr. No.	Questions
1	Design UI of any 3 modules from any one famous shopping app using <a href="#">Figma</a> . (Example: Flipkart/Amazon/TataCliq/Myntra etc.)