

Instructions – figs to be drawn on the blank side of the pages

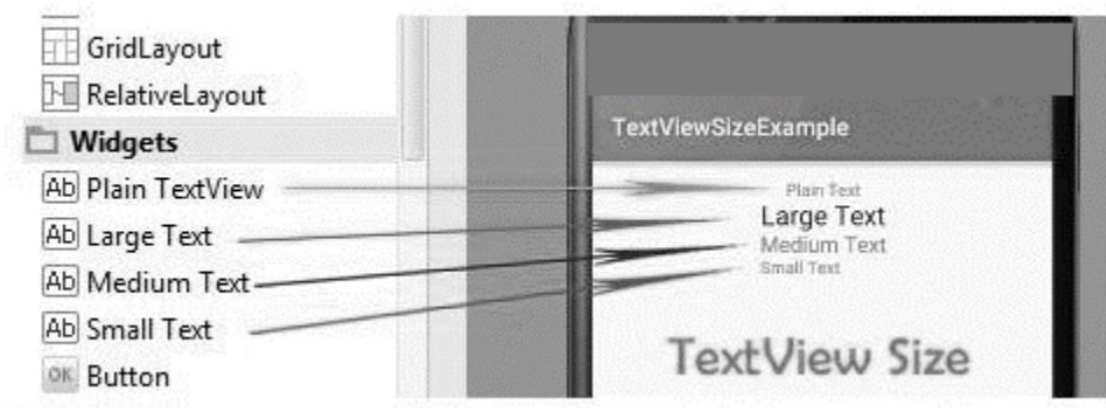
Screen shot of the output should be attached.

Every batch will get questions during their practical session.

4. Develop a program to implement Text View and Auto Complete Text view and Edit Text.

A text view displays text to the user and optionally allows them to edit it. A TextView is a complete text editor however the basic class is configured to not allow editing.

In Android, Text View displays text to the user and optionally allows them to edit it programmatically. Text View is a complete text editor, however basic class is configured to not allow editing but we can edit it. View is the parent class of Text View being a subclass of view. The text view component can be used in your app's GUI inside a View Group, or as the content view of an activity. We can create a Text View instance by declaring it inside a layout (XML file) or by instantiating it programmatically (Java Class).



Edit Text: In Android, Edit Text is a standard entry widget in android apps. It is an overlay over Text View that configures itself to be editable. Edit Text is a subclass of Text View with text editing operations. Often use Edit Text in our applications in order to provide an input or text field, especially in forms. The simplest example of Edit Text is Login or Sign-in form. Text Fields in Android Studio are basically Edit Text. Note: An Edit Text is simply a thin extension of a Text View. An Edit Text inherits all the properties of a Text View.



Auto Complete Text View: Android Auto Complete Text View completes the word based on the reserved words, so no need to write all the characters of the word. Android Auto Complete Text View is an editable text field, it displays a list of suggestions in a drop-down menu from which user can select only one suggestion or value. Android Auto Complete Text View is the subclass of Edit Text class. The Multi Auto Complete Text View is the subclass of AutoComplete Text View class. An editable text view that shows completion suggestions automatically while the user is typing. The list of suggestions is displayed in a drop-down menu from which the user can choose an item to replace the content of the edit box. The drop down can be dismissed at any time by pressing the back key or if no item is selected in the drop down, by pressing the enter key. The list of suggestion is obtained from a data adapter and appears only after a given number of characters defined by the threshold. Auto Complete Text View is a component used to show suggestions while writing in an editable text field. The suggestions list is shown in a drop-down menu from which a user can select the desired item. To use an Auto Complete Threshold field it needs to be defined in the layout.



Sr.No	Attribute & Description
1	android:completionHint This defines the hint displayed in the drop-down menu.
2	android:completionHintView This defines the hint view displayed in the drop-down menu.
3	android:completionThreshold

	<p>This defines the number of characters that the user must type before completion suggestions are displayed in a drop-down menu.</p>
4	<p>android:dropDownAnchor</p> <p>This is the View to anchor the auto-complete dropdown to.</p>