Assignment 3-03 Ou 13) what are view explain in detail? Anso View is the basic building block of user interface (DT) in anderoid View can be considered as a rectangle on the screen that shows some type of content. It can be an image, piece of text, a button or anything that an android application can display The size of a view is expressed with a width and a hight. A view ocheally possess two pairs of width and hight values Sie of a view can be set by specifying the exact size or by using some predefined A view is also known as widget in android any visual and interactive is called Quest write a short note on text New? Anes The class is used to display text on the android application screen. It also allows user to optionally edit it. Although it contains text editing operations, the basic class does not allow editing Some of the attributes and This is the ID which uniquely identifies the

android family Fort family (named by stoing) for the text androids hint Hint dext to display when text is empty.
and soid: max height /width Hakes the text view be at most this many prixels tall wide android: min height/width. Makes the text view be at most least this many pixels tall wide Ourses State the various attributes of edit text view? Anso Some of the attributes ares android: auto text of set, specifies that this Text view has a textual input method and automatically convects some common spelling environs android editable If set, specifies that this text view has an input method android: text This is the text to display. auxit Explain the button view in detail.

Ansi Button is a component which can be pressed on clicked by the user to perform an action The main usage of the button view is that whenever we click a button, we can set a method that will handle that specific button request and will carry out the necessary Some of the attributes are: andersid: text size: To set text size insich button android: Background: To set the background color of the button. and roid gravity. This can be used to see the position of any view on the cupp screen. The available values ave sight, left, center, center rentical etc. Vou can also use to values together, using the I symbol. Outst write a short note on auto complete text Ansit An auto complete text view is a view that is similar to Edit text, exapt that it Shows a list of completion suggestions automatically while the user is typying typing The list of suggestions is displayed in chop Some of the attributes are

		Date 18
The second secon		andopiel: completion Hint
		This defines the hint displayed in the drop
1		down menu
1		and rold: popul Back ground.
		This sets the backgrounds
-		android! dropdown height
-		This specifies the basic hight of the despotant
-	0 /9	Ly I saw manner Explain commonly used
-	Quebo	what are meners. Explain commonly used
_		menus en android applications.
-	Ansh	Henry are a common user interface component
_		in many types of applications. To provide a
-	1/1/19	familiar and considert user experience . Henre
And considerate		is a part of user interface emponent which is
	11	used to handle some common functionality
-		around the application.
Hino		Following are the ammonly used in tenus in
		android application.
	11	Option Menu.
	- 11	Constant menu.
		Popula menui
	n V Siproministrative	O.A.B. A.B.
		Andord applions menu
	and the second	and it is useful to inflement actions that
	e e engli	collection of menu stone for an action I that
		and it is asful to inflement actions
	- 1	down a laboration of the about

Settings, Search etc. By using options menu, use our combine multiple actions and other options that are relevant to our com Councest activity · Android Context Hence Context denu is a floating menuthat appears when the user performs a long click on an element and it is useful to implement an action that effect the selected content or context frame Due for How we can send and succeive sets in android applications Android Send Sits using Intent Anso In android Intent is a messaging object which is used to arguest an action from another app component such as activities, services. behad cast receivers and content providers Intent filter to receive en we also need to tell android that we sant to handle incoming sis messages In order to do this, we will add a succiver to sugrester a bewadcost requirer to the manifest X HI. We will also add an a Protect filter > to let android know that we want to launch a specific class when an SHS comes in

and eligital about and roid applications Step 13 Frostly create a new Android application This will cocoate an XII file "activity main.

XMI" and a Java file "Hain Activity Java". following widgets in a scalative layout. · An analog clock · A digital clock. This will make the UT of the application. There is no need for assignment of IDS as these wridgets will display the time by themselves. Step3: Leave the Java files on it is Stept: Now sun the app. Both clocks are displayed on the Screen. Quego vote short note on time picken view Android time pickey allows you to select the time of the day in either 24 hours ox ANIPH mode the time consists of house minutes and clock formal. Ardroid provides this functionality through time picken chise

	Page Na 21 Date
	In order to use time picker class you
	the the three times
10	your cactivity, xnot go;
	< Time Pickey
1 / 1	android : " et id time licker!"
	android layout winth= wan (antent"
	and roid! Layout - height = "wrap content" >>
	The state of the s
	After that you have to create an object of
	imepicken class and get a superience of
	the above defined xnic component gr
	syntax is given below.
1	a police tradition is
	impost android a sidget Timebicker;
	exuate Timebicken timebicken!
	time picken1 = (time Picken) find view By Id (Rid. timepicken1);
1 ~	(Rid-timepickers);
	and the state of t
	In order to get the fime selected by the wer
	on the ecroon, you will use get current too
3.7	HOWE() and getceverent Himute() method
	of the timepicker class. Their syntax is
	given below.
	Pat how= timepicker 1. getcurrent Har ():
	int min= timepickent. getauventriente ();

surloss what are phone calls and dialog boxes? Ansi Phone Calls = Androsel provides Built in application ons for phone calls, in some occasions we may need to make a phone call through our application. This could easily be done by using emplicit Intent with appropriate actions. Also, we can use Phonestatilistener and telephoneymanager classes, in order to monitor the change in some telephone state on the device Dialog boxes? In android Dialog is a small window that prompt messages to the user to make a decision or enter additional details 6 In android, we have different type of dialoge available, those are Fleut dialogs This dialog is used to display order, effet affer user aft or typoord buttons, list of iselectable items or a custom layout. Datibicker Dialog: This dialog is a predefined UI control and it allow usen to select data. Timepicken dialog: It is predefined OI control and it allow user to select time.