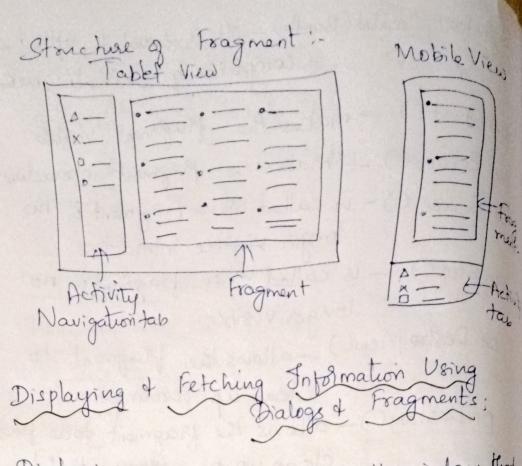
UNIT-5: Fragments: A fragment is a priece of an activity which enable mode modular activity doings @ Fragment has its own tayoft and its own behaviour with its own lipecycle call backs. D'You can remove or add fragments in an activity while the activity is ounning. combine multiple tragments activity to build a multi-A You can in a bringle A fragment can be used in multiple activities. Fragment's lipscycle is closely related to the lipscycle of its host activity. A fragment can emplement abehavior that has no uses contespace components. € Fragments are added in Honeycomb Version of Android API Version !!

How it is created? Fragment @ By extending the class in java file. by adding Africant Selement Pragment's Life cycle:-Fragment End (Fragment Start) on Detacher on Attach () on Create() On Destroy() yon (seateView()) Ton Destroy Views [onActivity (seated c)]

[on Starte) K Ton Resume () (Fragment is surroing) for Paux on Affach (Activity) It is called once the at is attached with activity on Greate (Bundle) It is used to territaling the flagment on Create View Layout Inflator, - Creates & refuse View View Group, Brindle) hierarchy

on Activity Created (Burdle) - It is invoked after the completion of on Createc) method. on Start () - makes the fragment visible on Resume () - makes the tragment interactive on Pause () - is called when the greent is no longer visible interactive on Stop(): - is called when fragment is no longer visible on DestroyView() - allows the fragment to Clean up resources. on Destroy() - allows the fragment todo final Clean up of fragment state on Detach() - it is called immediately prior to the flagment no longer being associated with its activity. Steps to Use Fragments: * First decide how many fragments
you want to use in activity * Based on number of tragments, create classes which will extend the Fragment * Collesponding to each fragment, create layout files in xmc files These files will have layout for the defined fragments.



Dialog:
A dialog is a somall window that

pops up to interact with the new. It

pops up to interact with the new. It

can dieplay important messages and

can even prompt for some data

can even prompt for some data

Once the enteraction with the dialog

Once the enteraction with the dialog

is over, the dialog disappears, allow,

the user to continue with the applicate

the user to continue with the applicate

Fragment:

As the name sygnests, enable us

to pragment of divide our Activities
to pragment of divide our Activities
with encapsulated reusable modules,
each with its own user interface,
each with its own user interface,
making our application suitable to
different sereen somes.

When is Dialog used?
We usually create a new activity of
screen for unteracting with users, but when we want only a little information or want to display an essential message, dialogs are preferred. Dialogs are also used to guide users in providing requested enformation, confirming certain action, and displaying wasnings or earor mersages. The following is an oulline of different dialog window types provided by the Android SDK. Dialog - The basic clars for all dealog types

Adlert Dialog - A dialog with one, two of three Button controls.

Excharacter Picker Dialog - A dialog that enables you to select an accented with a Regular characters associated with a Regular character source.

Date Picker Dialog: - A dialog that enables

you to Set and select a date with a

Date Picker Control.

- Progress Bar Control
 - FirmePicker Dialog & dialog that enables
 you to set & Select a time with a
 TimePicker control.

How to Create a Dialog?—

A dialog is Created by creating an instance of the Dialog class. The Dialog class creates a dealog en the form of a floating window containing menages and controls for user interaction. In Androd the dialogs are called asynchronously.

Each dialog window is defined within the activity where it will be used. A dialog window can be created once and dialog window can be created once and displayed several times. It can also be updated dynamically.

The following is a list of the Activity class dialog methods:

Show Dialog (), On Create Dialog(), on Prepare Dialog(), dismiss Dialog(), remove Dialog() All these methods are depreciated with the new preferred way being to use the Dialog Fragment with the Fragment Manager. Selecting Date & Time in One Application: