Scroll Views

use ViewGroup to define the layout of the Children within a Scroll View.

tor a child to be as big as the scroll View if it would otherwise be smaller. android: fill View Port = "true".

Good approach

- Wrap Uls in scroll View.
- it should support landscape View.

Android does not handle scrollview in scrollview very Well.

to use that make a custom view or better avoid it.

Challenge in mobile app development is.

- it has limited memory footprints.

- - using too much at a time
 - leaks.

Adapter Views take care of only allocating views that are "on-screen".

	Adapter Views & Adapters
Ada. View	s display lists or collections of things
Adapter.	- create userinterface views for list of items in data list.
	Adapter view + Adapter -> views that are displayed are in memory
	Adapter
	list View [Grid View] Spinner [Stack View]
using a	n Array adapter.
·	Implements listAdapter. — it is a base dass provided by
	android that you can use List views with
	- backed by an Array or List collection.
<u> </u>	A company to make common or the common of th

	use
	- Create newsubclass of Array Adapter.
	- get View - to return a view for each item.
	- get View - to return a view for each item. - create layout-file with a LIST View.
	a vocate inclaime of arrayroapier class,
	- Give your array adapter the data collection
	- List View. set-Adapter (your Adapter). to
	connect the two
	if data is changed.
	- notify Data Set Changed.
	Recycling
	Convert View.
	As views are scrolled off screen, their
	java objects are reused for the new items.
	- Avoids expensive allocation 8 gartage collection — to monitor in android studio
	- to monitor in android studio
	* LogCat.
-1	
	towaters rates of established
	With the same and the star
	- Color Colo

Using Views

In get View.

if convertliew == null creale /inflate a new view.

the reset convert View.

Holder Patleru

avoids "find View By ld" provides a place for providing data to

click listener

Set On Hem Click Listener (new on Hem Click Listener

(a) Override

public void on Item Click (Adapter view; View, int position, long id).

Cursor Adapters

windows to DB or other large resources.

SQLite support built in.

extends Lyrsor Adapter instead.

- acts as a pointer to a list.
always points at row.
Get val in each column.

