INTRODUCTION TO INTENT, RECYCLERVIEW

How to do List views.

Intents

- an abstract description of an operation to be performed.
  - *startActivity(new Intent(this, SecondActivity.class));*

- can include an Action, Category, Data to an intent

- we can also add Extras using a key, value system.
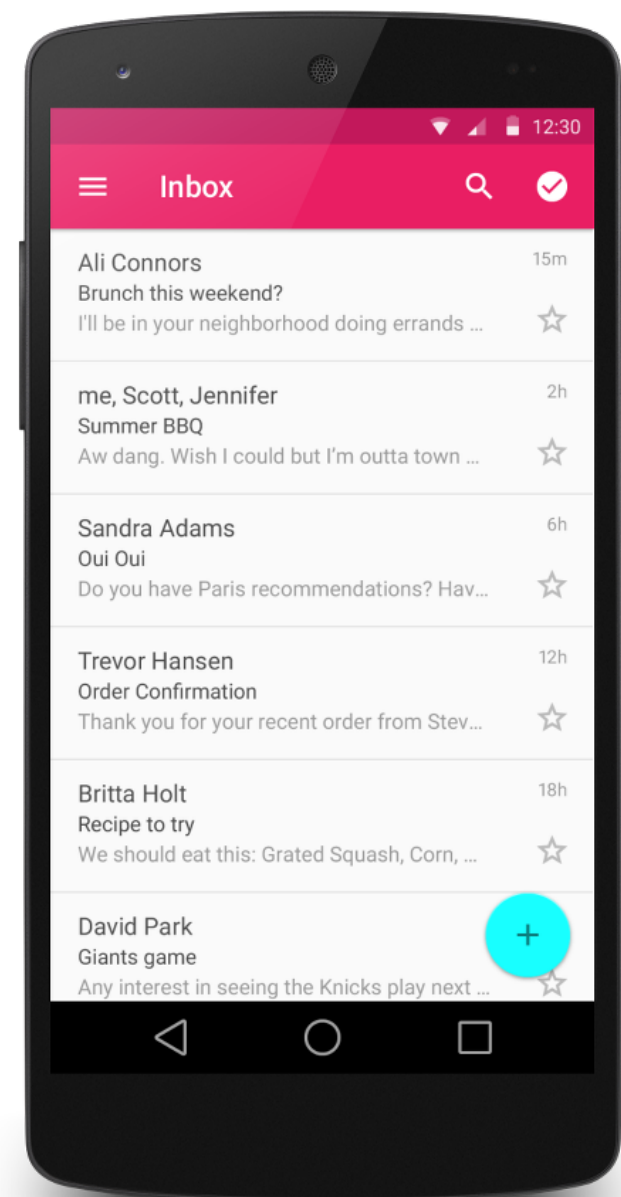 - *intent.PutExtra("KEY", parcelableObject);*

LinearLayout

- is a view group that aligns all children in a specified (*horizontal/vertical*) direction.

- all children are stacked one after another in a specified direction (*horizontal/vertical*).

RecyclerView

- is the *new ListView* in Android.

- 4 things to customise
  - a resource adapter
  - a layout – usually LinearLayout
  - a view holder (a required optimisation)
  - whether fixedSize (usually yes, a minor optimisation)

Live Coding

- Create an app which shows a list of students with their names, gender and images.

Task

- Please extend the previous app with a second activity showing the student details in a 2nd view.

Questions ???

Sources

- https://developer.android.com/reference/android/support/v7/widget/RecyclerView.html

- https://developer.android.com/training/material/lists-cards.html

- https://www.binpress.com/tutorial/android-l-recyclerview-and-cardview-tutorial/156