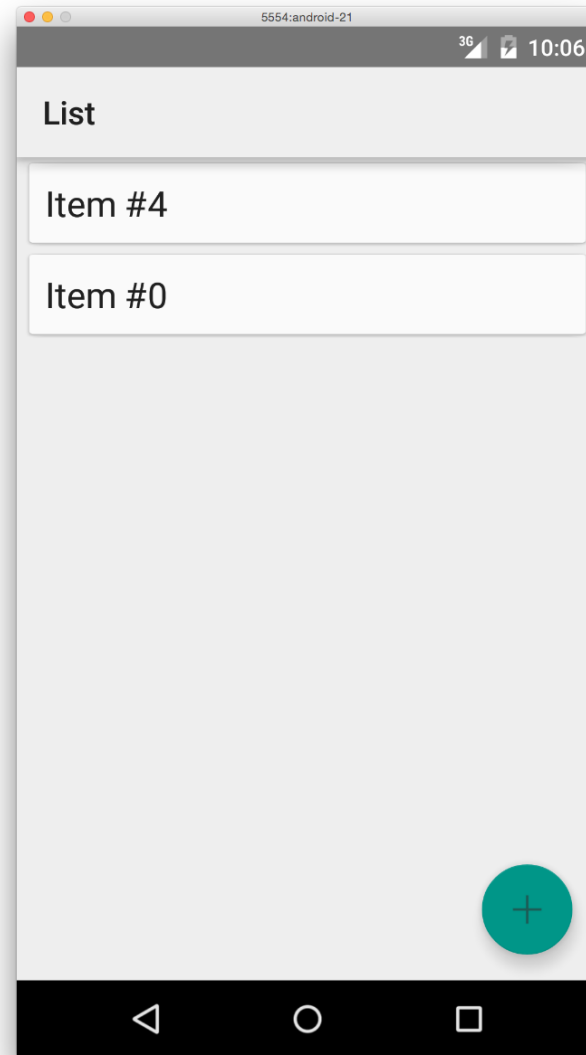
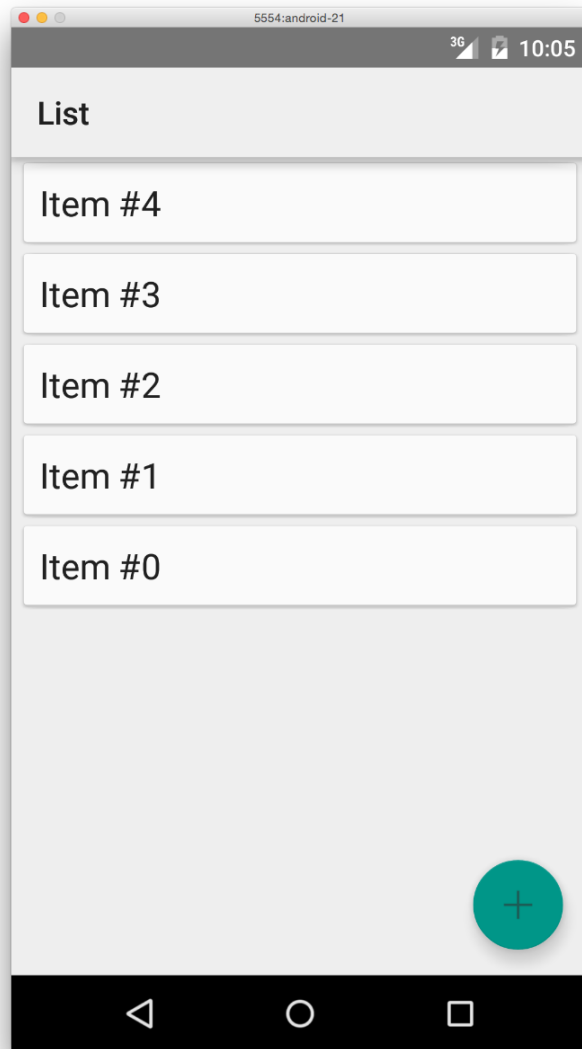


Android - List

- Application demonstrates a list of items. Android used to do this via classes **ListActivity** and **ListView**. The recommended way is now via **RecyclerView**.
- **RecyclerView** better separates between the data model of a list and the way it is rendered.
- A **RecyclerView** depends on an **Adapter** that manages the data model of the list.
- The **Adapter** populates so-called **ViewHolder** instances that represent individual list items.
- A **ViewHolder** instance keeps references to **Views** of a custom layout that defines the look of an item.
- **RecyclerView** manages animations when items are inserted or deleted.

- An item is rendered in a **CardView**. Pressing the “+” button will add a new item at the beginning of the list.
- Clicking on an item will delete that item (without further confirmation). Note the animations as items are inserted and deleted.



References

- [Creating Lists and Cards](#)
- [RecyclerView](#)
- [RecyclerView.Adapter](#)
- [CardView](#)

Exercise

- Add more complex content in the **CardView** as defined in file **list_item.xml** by merging it with the “AsyncTask” tutorial on this site.