

Android Development



RecyclerView

Adapter



ViewHolder



View

Layout Manager

setHasFixedSize
(opcional)

LayoutManager

- LinearLayoutManager
- GridLayoutManager
- StaggeredGridLayoutManager

Adapter

ViewHolder :RecyclerView.ViewHolder

```
override fun onCreateViewHolder(parent: ViewGroup, viewType: Int): ViewHolder{  
    }
```

```
override fun onBindViewHolder(holder: ViewHolder, position: Int) {  
    }
```

```
override fun getItemCount(): Int {  
    }
```

Adapter

- notifyItemInserted
- notifyItemChanged
- notifyItemRemoved
- notifyDataSetChanged
- etc...

Listeners

```
interface TextListener{  
    fun onTapText(item: String)  
}
```

The parent should implement the interface to handle adapter events

Image Libraries

Glide

<https://github.com/bumptech/glide>

Picasso

<https://square.github.io/picasso/>

Coil

<https://github.com/coil-kt/coil>

Challenge

Create a TODO list

Add (with another screen, using launchers)

Update (mark as done)

An item can have a priority level (HIGH, MEDIUM ,etc)