Batch #16 / Android Class

Remote Learning Assignment - Week 4

Answer **Q1** to **Q4** in any text file. Upload the Android project includes **Q5** and the text file (**Q1** to **Q4**) to your GitHub and **send a direct message to us that you have completed.**

1. What is **Polymorphism**? Try to explain in Mandarin.
2. Here are the 7 important lifecycle methods of an **Activity**:

   i. onCreate()

   ii. onStart()

   iii. onResume()

   iv. onPause()

   v. onStop()

   vi. onDestroy()

   Try to explain when they are called during the lifecycle of Activity.
3. What is the **Android Jetpack**?
4. What is **Coroutines**? Why do we use it? Try to explain in Mandarin.

5. Please follow the screenshots to complete the **UI** which is based on the **andfun-kotlin-mars-real-estate** project (This is the toy app for Lesson 8 of the Android App Development in Kotlin course on Udacity. Clone the project from GitHub or download the zip file, and then checkout to **master** branch):

Follow the screenshot below to change it to LinearLayout style, and each item displays 2 more info: type and price.