

Batch #12 / 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 are they called during the lifecycle of Activity.

3. What is the **Android Jetpack**?
4. What is **Coroutines**? Why we use it? Try to explain in Mandarin.

5. Please follow the screenshots to complete the **UI** which 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.

