



## Android Technical Interview Code Sample

### What we're looking for:

- Proof of Java or Kotlin knowledge.
- How you load and display data from external sources.
- Clean, testable code and application of S.O.L.I.D principles.
- Use of an architectural pattern such as MVP, MVVM or other.
- How you unit test your code.
- Use of industry standard libraries such as Dagger, RxJava and Retrofit to name a few.

### Nice to have:

- 100% Kotlin codebase.
- Slick user interface.
- Use of Architecture Components.
- UI tests using Espresso.
- Use of persistence frameworks for offline storage.

### Option 1 - Your own sample:

Provide one of your own code samples that covers the above requirements.

### Option 2 - Coding task:

Display a list of comics from the Marvel API. For each comic, at least the thumbnail and title should be displayed.

Information about the Marvel API can be found here: <http://developer.marvel.com/docs>.

To access the API you will either need to create your own account, or you can use the following set of api keys already created by us:

Public key	54306733de0f5cd1418aa05a85fa062a
Private key	5de1fabcd2ea08912bd8b09bca4321f50563655

Please do not share your code submission on public repositories.

### Submission:

- Please let our recruitment team know approximately when to expect your code submission.
- Please compress and send your code submission to [opportunities@theappbusiness.com](mailto:opportunities@theappbusiness.com).