

# Assignment 1: Downloader Introduction (optional)

**Introduction:** In this assignment you will write Java code that leverages the Downloader assignment framework we provide and completes two Android activities to demonstrate passing information between these activities via an explicit intent. We recommend you watch the lessons on intents from module 3 prior to attempting this assignment.

**Learning outcomes:** This assignment is intentionally designed to be straightforward to implement. After completing this assignment, you should understand how to do the following:

- Create an explicit intent
- Use the explicit intent to start an activity

**Resources:** Please download the supplied source code from the git repository located at: <https://gitlab.com/vandy-aad-2/aad-2-assg-1/>. The downloaded files contain an Android Studio project. Start Android Studio and import the project. All your work for this assignment will be in the vandy.mooc.assignments.assignment package, which contains two folders: activities/ & downloader/ ). Open the files in these two directories in the IDE and look for the comments: `// TODO (A1)` add your code after each one of them. All logging output should be sent to Logcat via the `Log.d|e|i|w|v](String,String)` statements and not **System.out**(The use of 'System.out' will disrupt Unit/Integration testing, so it is never advised for Android).

The vandy.mooc.assignments.framework package contains many other files that are used internally by the classes in the activities/ and downloader/ packages. You're welcome to inspect the classes in this framework, but you aren't expected to modify them for this assignment.

**Tasks:** Complete the TODO comments in the following files:

- [aad-2-assg-1's GalleryActivity.java](#)
- [aad-2-assg-1's MainActivity.java](#)

**Submission for peer review:** Although this assignment optional and doesn't count as part of your final grade you are welcome to submit it for peer review to get feedback from other learners. An integration test is available at

```
./app/src/androidTest/java/vandy/mooc/assignments/assignment/AssignmentTests.java
```

We recommend running this test prior to submission to check that the application functions properly.