

# Northern Michigan University (Marquette Co, MI)

## CS 345-01-25W: Android Programming

### Program 5

Due: Wednesday 9 April 2025 1:00 P.M. EDT

Create a folder called “PG5” in the top level of your CS345-01-25F folder. Copy your Android project into this folder. Place a (possibly empty) file or folder called “DONE” into this folder when you are ready to have your programs graded.

Write the following program in XML and Kotlin for Android.

It creates a mock information page for comic books. The main activity fragment should contain a list of comic books organized by publisher. When you select a comic book, it should go to an information page about that comic book. . You should be able to swipe through the comic book pages.

This builds from Program 4 in fact. However, in addition to the RecyclerView that scrolls through the list of comic books, your main activity should also contain an ADD button which will start an activity to allow you to add a comic book to the database. In the PagerView, each comic book page should have a delete button to allow you to delete the comic book from the database.

ALL of this information should be stored in an SQL database collection. Whenever you add or delete or modify comic book information, this should be saved in the SQL database, so that the changes remain present when you stop and restart the app.