

# Northern Michigan University (Marquette Co, MI)

## CS 345-01-26W: Android Programming

### Program 5

Due: Friday 24 April 2026 1:00 P.M. EDT

Create a folder called “PG6” in the top level of your CS345-01-26F 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 sports teams and franchises. The main activity fragment should contain a list of teams organized by franchise. When you select a team, it should go to an information page about that team. You should be able to swipe through the team 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 team to the database. In the PagerView, each team page should have a delete button to allow you to delete the team from the database.

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