

Northern Michigan University (Marquette Co, MI)

CS 202-02-25F: iOS / iPhone Programming

Program 4

Due: Friday 3 October 2025 2:00 P.M. EDT

Create a folder called “PG4” in the top level of your CS202-02-25F folder on PHILOS. Copy both .py files into the PG4 folder. Place a (possibly empty) file or folder called “DONE” into the PG3 folder when you are ready to have your program graded.

Write a Python program to do the following:

Keep track of an inventory of comic books for a comic book store. Your program should repeatedly ask the user for a command. The commands will be:

ADD (When this command is entered, ask the user for the name of a comic book and add one copy to the inventory.)

REMOVE (When this command is entered, ask the user for the name of a comic book and remove one copy from the inventory.)

COUNT (When this command is entered, ask the user for the name of a comic book and print how many copies are in stock.)

PRINT (Give a listing of every comic book in the store, how many copies of each comic book is in stock, and the total number of comic books in the store.)

EXIT (Ends the program.)

For example:

Welcome to Collectible Comics. What would you like to do?

Command: **ADD**

What comic do you wish to add? **Detective Comics #27**

1 copy of Detective Comics #27 has been added.

Command: **ADD**

What comic do you wish to add? **Fantastic Four #5**

1 copy of Fantastic Four #5 has been added.

Command: **ADD**

What comic do you wish to add? **Detective Comics #27**

1 copy of Detective Comics #27 has been added.

Command: **COUNT**

What comic do you wish to count? **Fantastic Four #5**

1 copy/ies of Fantastic Four #5 is/are in stock.

Command: **PRINT**

Detective Comics #27: 2 copy/ies

Fantastic Four #5: 1 copy/ies

Total: 3 copy/ies

Command: **REMOVE**

What comic do you wish to remove? **Fantastic Four #5**

1 copy of Fantastic Four #5 has been removed.

Command: **PRINT**

Detective Comics #27: 2 copy/ies

Total: 2 copy/ies

Command: **EXIT**

Thank you for visiting Collectible Comics!