Chapter 8 Comparing Files

Brian Veitch

Instructions:

For this assignment, you will compare the contents of two files and display customer information only for those customers whose accounts are overdue.

Read the files into two separate lists. Print the complete customer information on the screen if the customer number is found in the overdue accounts list. Do error checking for file names to make sure the files exist (try and except statements.)

**Data**:

Variables:

* Accounts\_file: Data from accounts.txt
* Overdue\_file: Data from over90.txt file
* Accounts: array containing all the accounts read from accounts\_file
* Overdue\_accounts: array containing the overdue accounts

**Processing**:

1. Try / Except
   1. If both files can be opened, continue with program
   2. If one or both of the files won’t open, quit the program
2. Loop through the accounts\_file, and append each line (account) to the accounts array
3. Loop through the overdue\_file, and append each line to the overdue\_accounts array
4. Loop through the overdue\_accounts array, grab the account name, and check that account against every element in accounts array.
   1. If there’s a match between the name of the overdue\_account and the name in accounts, print the full account to console

**Output**: The full account information for any account that is found on the overdue list. Will look like this:

The list of overdue accounts are:

A236, Acme Inc, 600 Vintage Way, Crystal Lake, IL, 60014

R327, Roxy Wheels, 28 Main Street, Dundee, IL 60016

Q073, Second Time Around, 33 Locust st, Wonder Lake, IL, 60097

M038, Bug Away, 2103 North HWY 31, Richmond, IL, 60071

BN28, Road Runner, 13 South Main, Fox River Grove, 60021