

Final - CPS210

You work for a start-up company that sells software to various clients across the United States. Your project manager wants you to do some basic data analytics on their current clients. Briefly look over the attached csv file, `clients.csv`. You should see the file contains the client's id, name, location, amount spent, phone number, and years since they were a customer.

Read in the csv file. Store only the client name, phone number, and years in separate ArrayLists with the appropriate type (Integer, String, etc.)

Your project manager wants to find which company has been a client the longest. Unfortunately, the years column in the csv file contains the abbreviation, `yrs`, after the number. Create a method that takes in an ArrayList of Strings and removes `yrs` from each String. You should return a new ArrayList of type Integer that contains only the numbers.

Use this method in the main method to get only the numbers from your ArrayList.

With your new ArrayList from step 2 above, create a method that determines which client has been a customer the longest. Call your method in the main header, and display the name, phone number, and amount spent of that client.

Use the `PrintWriter` class to print your results to a new file named, `customerResults.txt`.

IMPORTANT: If you get stuck at any point, let's say step 2 which is likely the most difficult part, skip it and just create the method for step 3. Then, go back to step 2. Don't stay stuck on one part!!