

Assignment 1

A new Real estate owner just relocated to Bellville to open his new estate for the sale of houses within the estate. Interested clients are expected to fill in their names on a preliminary list, which consists of the followings: First name, Surname, Age, Gender, Occupation, and email addresses, one per line.

- (a) Assuming all the interested clients are sixty in number, write a simple Java program that will create a file to accommodate the original list of interested clients, sort the list of these interested clients names in alphabetical order on a file, and then write the sorted list back into another file.
- (b) Write another java program that will extract the names and ages of interested clients that are between 35 and 45 and write this list into a new file called **age.txt**.
- (c) Write a third java program that will extract the names and occupation of interested clients that are Professors and Associate Professors and write this list in a new file called **professors.txt**.

Total Mark: 20