

### Exercise 3.7.1

Open the solution for exercise 3.5.1 and save as: (First\_name\_Last\_name\_3-7-1.c). Modify the code so that the program does not terminate until the user selects option 3 (exit). Follow the instructions below:

- if the user does not select a valid number (any number other than 1, 2 or 3):
  - we will not deal with invalid character input
  - the program will display an error message, as before, but
  - the program will NOT terminate (i.e. remove the return EXIT\_FAILURE statement)
- use a **do-while** loop so that:
  - While user selection is not 3 (exit) the program keeps looping
- what happens if you initialize selection to 3 instead of 0, try it and use comments to briefly explain the difference between the while loop and the do-while loop in this case
- everything else stays the same

- Please save and submit your source code (.c file) solution.
- Solution file naming convention:
  - First\_name\_Last\_name\_exercise\_number.c
  - Please use ( - ) to indicate the exercise number
  - Example: Haidar\_Alaubiody-3-7-1.c