

Phone Directory Assignment

The problem is to create a phone directory. It should contain the following fields.

Name

Multiple phone numbers associated with a name

The option to associate a comment with each phone number. This maybe something like “WhatsApp number” or “Home number” etc.

Users should be able to search, add, modify phone numbers.

The phone directory should be stored in a file.

Each time the program is run, the directory is loaded - that is the users should be able to search for phone numbers added earlier.

When a user runs the program, he is initially greeted with the following

Welcome to your name’s phone directory!

Enter a command (S - for Search, A - Add, M - Modify, Q - Quit):

If the user selects S, the program will ask to enter name. Let us say user enters “ABC”.

Enter name: ABC

If ABC is not there, then

No entries found for ABC.

If ABC is there, the phone numbers and comments associated with the number are printed.

Name:ABC

23429872 Whatsapp number

92348723 Goa number

Enter a command (S - for Search, A - Add, M - Modify, Q - Quit):

If the user selects A, the program will ask to enter Name and phone number.

Similarly, if the user selects M, the program will ask to modify the name and phone number.

If the user selects Q, the program will quit. You are free to design the needed interface for this.