

ABC Business Contacts - User Guide

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1. Product Overview

Product Name: **ABC Business Contacts**

Version: 1.5

ABC is a free desktop contact management application that helps you manage your large collection of contacts conveniently and keep track of your appointments. Most of the user interactions happen using a Command Line Interface (CLI), and it also provides a Graphical User Interface (GUI). You can store contacts as well as other information and retrieve them efficiently with the help of **ABC**.

ABC is available for the **Linux**, **Unix**, **Windows 10**, and **Mac OS X** operating systems.

2. About

This User Guide introduces a detailed description of the various features that are available in **ABC**. Being familiar with CLI is helpful but not necessary, as this guide is simple and easy to understand. Following this guide will allow you to use **ABC** without difficulty. At the end of this User Guide, there is a summary of all the commands, giving you a quick overview on how to use all the features.

3. Quick Start

1. Ensure you have Java version **1.8.0_60** or later installed on your computer.

NOTE This app will not work with earlier versions of Java 8.

2. Download the latest **ABC.jar** [here](#).
3. Copy the file to the folder you want to use as the home folder for your **ABC**.
4. Double-click the file to start the app. The GUI should appear in a few seconds. (See Figure 3.1 for a labelled version of the GUI)

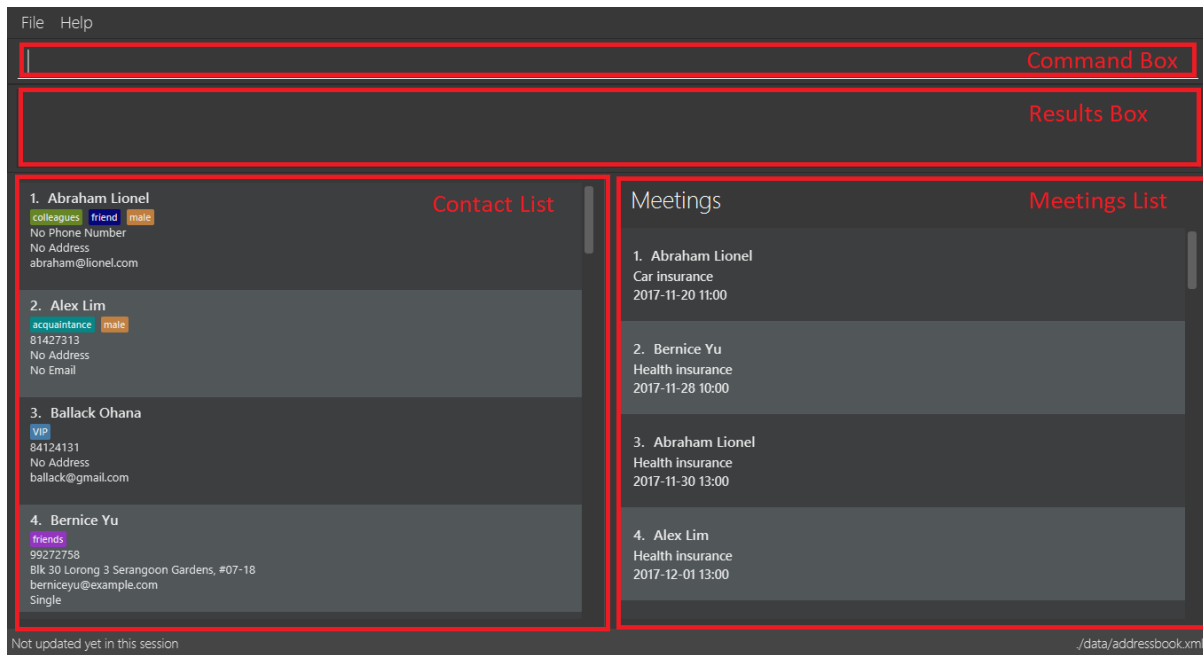


Figure 3.1

5. Type the command in the command box and press **Enter** to execute it.
e.g. typing **help** and pressing **Enter** will open the help window.
6. Here are some example commands you can try:
 - **>> list** : lists all contacts
 - **>> add n/John Doe p/98765432 e/johnd@example.com a/John street, block 123, #01-01** : adds a contact named **John Doe** to your **ABC**
 - **>> delete 3** : deletes the 3rd contact shown in the current list
 - **>> exit** : exits the app
7. Refer to the [Features](#) section below for details of each command.

4. Features

This section aims to help you understand the features in **ABC**. It contains a detailed write up for all the commands available. At the start of every section, a box summarizing the command is provided. Here are some general guidelines on entering commands in **ABC**:

Command Format

- Commands can be substituted with their shorthand aliases e.g the **add** command can be substituted for **a**.
- Words in **UPPER_CASE** are the parameters to be supplied by the user e.g. in **add n/NAME**, where **NAME** is a parameter which can be used as **add n/John Doe**.
- Items in square brackets are optional e.g. **n/NAME [t/TAG]** can be used as **n/John Doe t/friend** or as **n/John Doe**.
- Items that comes before **...** can have multiple entries e.g. **[t/TAG]...** can be used as **t/friend** (i.e. 0 times), **t/friend**, **t/friend t/family** etc.
- Index refers to the index number shown in the most recent listing. The index **must be a positive integer** e.g. 1, 2, 3, ...
- Suggestions will pop up for partial words keyed in. Press **TAB** to auto-complete using the first suggestion or press **Up** and **Down** arrow keys and **Enter** to choose the suggestion.

4.1. Viewing help : **help**

Command Name: **help**
Shorthand Alias: **hp**
Function: Displays the **User Guide**
Format: **help**

If you want to view the **User Guide**:

1. Type in

>> help

(See Figure 4.1.1)

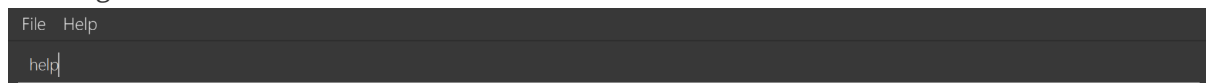


Figure 4.1.1

2. Press **Enter** and this **User Guide** document will show up

4.2. Adding a person: add

Command Name: **add**

Shorthand Alias: **a**

Function: Adds a person to **ABC**

Format: **add** n/NAME [p/PHONE_NUMBER] [e/EMAIL] [a/ADDRESS] [t/TAG]...

TIP A person can have any number of tags (including 0)

TIP Parameters can be in any order e.g. n/NAME p/PHONE_NUMBER, p/PHONE_NUMBER n/NAME are equivalent

If you want to add a new contact to your **ABC**:

1. Type in

```
>> add n/Betsy Crowe t/friend e/betsycrowe@example.com a/Newgate Prison p/1234567  
t/criminal
```

(See Figure 4.2.1)

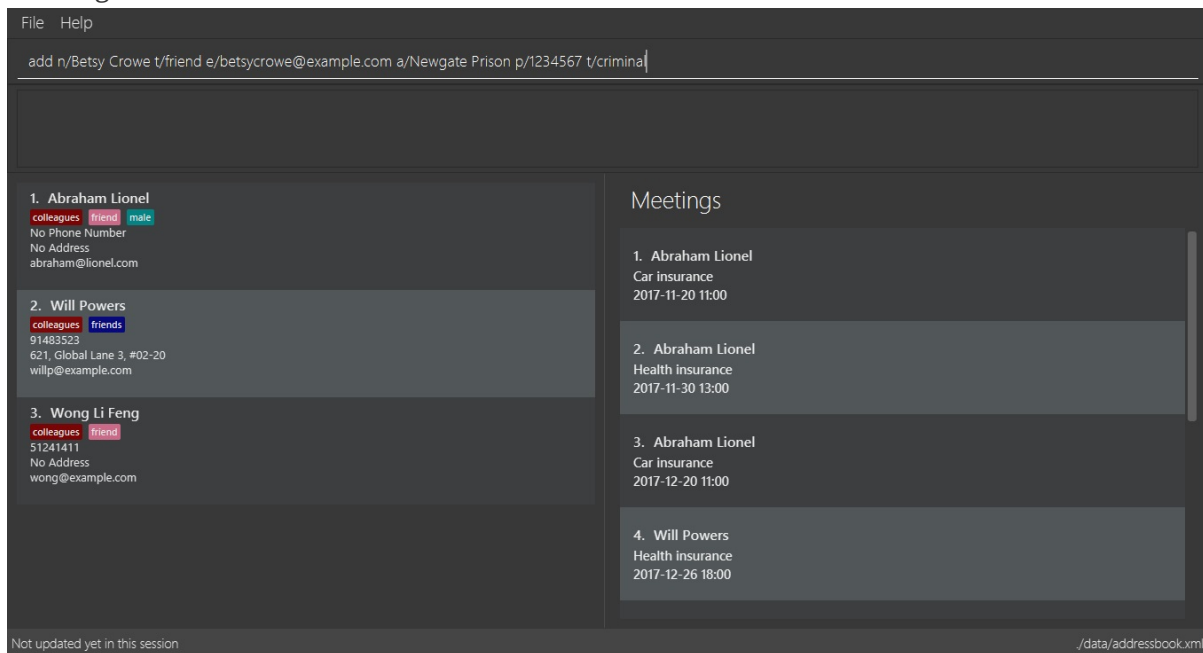


Figure 4.2.1

2. Press **Enter** and you should see that a new contact has been added (See Figure 4.2.2)

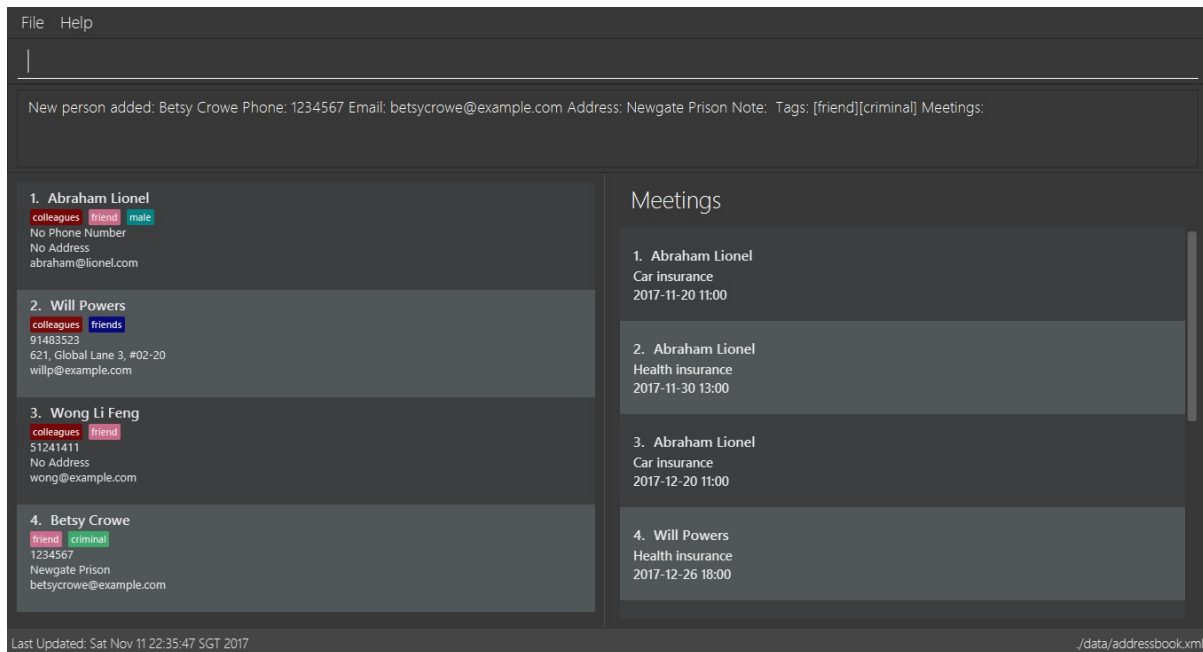


Figure 4.2.2

Here are some other ways you can add contacts:

- >> add n/John Doe p/98765432 e/johnd@example.com a/John street, block 123, #01-01
- >> add n/Betsy Crowe t/friend e/betsycrowe@example.com a/Newgate Prison p/1234567 t/criminal
- >> add n/Jack Daniels
- >> a n/John Watson p/83331122 e/johnw@example.com a/John Avenue, block 2, #01-01
- >> a n/Dave

4.3. Listing all persons : list

Command Name: list

Shorthand Alias: l

Function: Lists all contacts in ABC

Format: list

You can view all your contacts by following the steps below:

1. Type in

>> list

(See Figure 4.3.1)

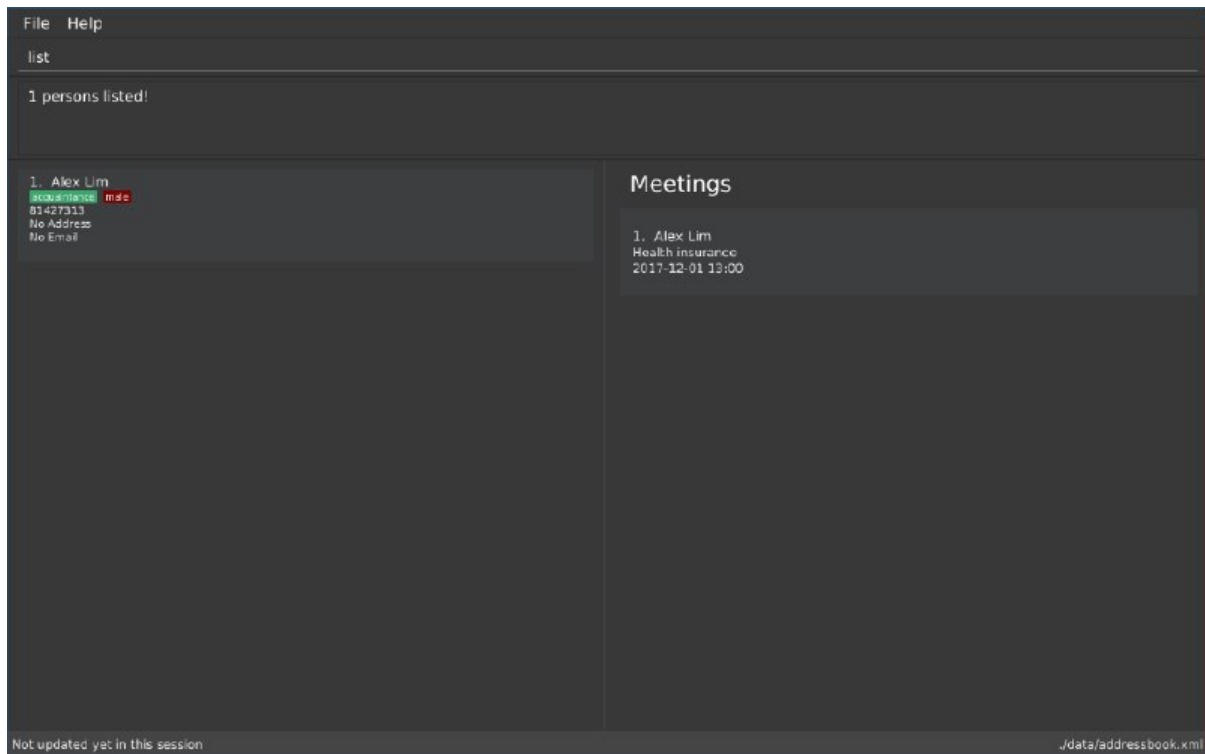


Figure 4.3.1

2. Press **Enter** and you should see a list of all your contacts
(See Figure 4.3.2)

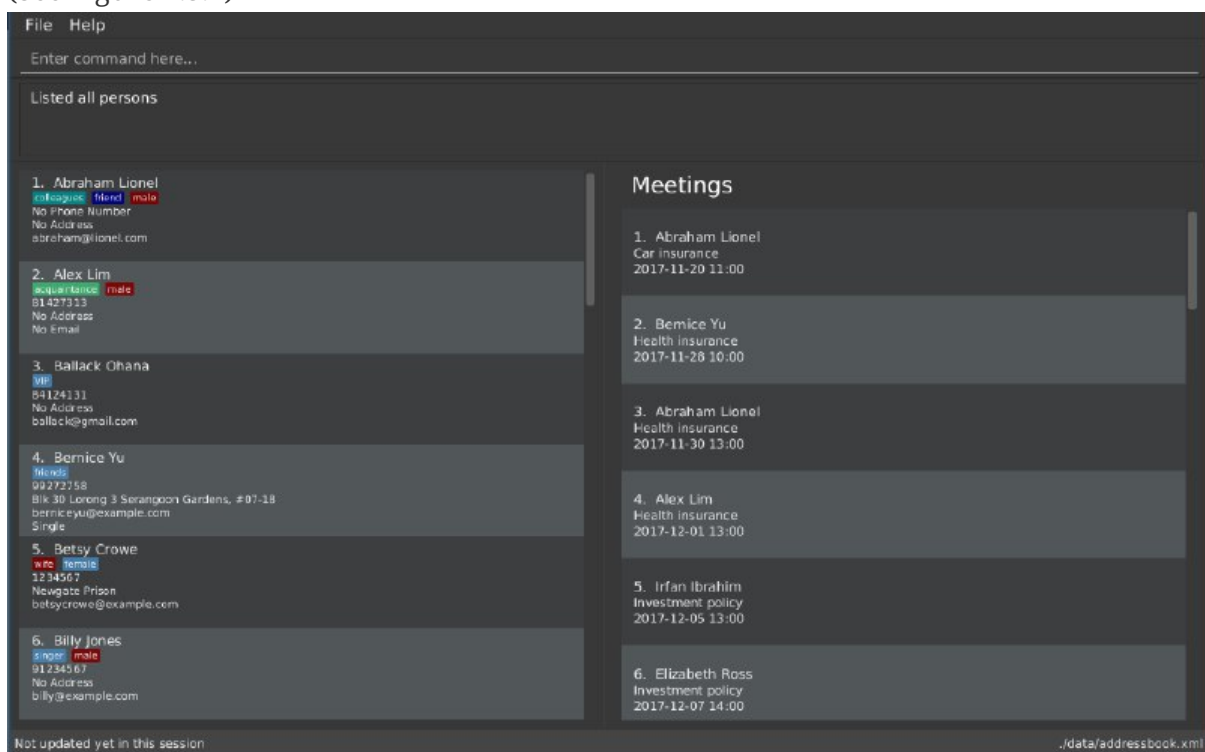


Figure 4.3.2

4.4. Locating persons by keywords: **find**

Command Name: **find**

Shorthand Alias: **f**

Function : Displays a filtered list of persons whose specified fields contain any of the given keywords

Format: **find** [**n**/KEYWORD...] [**p**/KEYWORD...] [**e**/KEYWORD...] [**a**/KEYWORD...] [**t**/KEYWORD...]

NOTE There must be at least one argument

- The search is case insensitive e.g **hans** will match **Hans**
- Only exact words will be matched e.g. **Han** will not match **Hans**
- Persons matching at least one search term in the specified field will be returned e.g. **find n/Hans Bo** will return **Hans Gruber, Bo Yang**
- Wildcard symbols ***** and **?** are allowed in the parameters where ***** matches any non-space string and **?** matches any non-space unit-length symbol
- The search is done on the most recent listing. Successive **find** commands make the list smaller

If you want to find a person named **John Watson**:

1. Type in

>> find n/john

(See Figure 4.4.1)

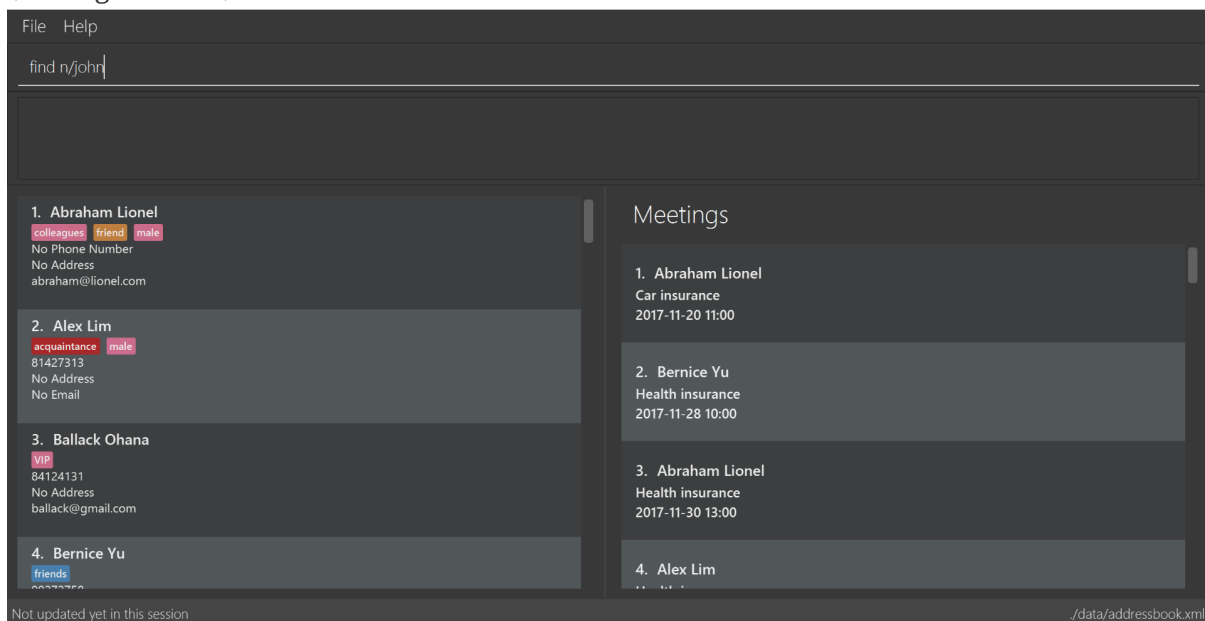


Figure 4.4.1

2. Press **Enter** and you should see a list of persons having the name **john**

(See Figure 4.4.2)

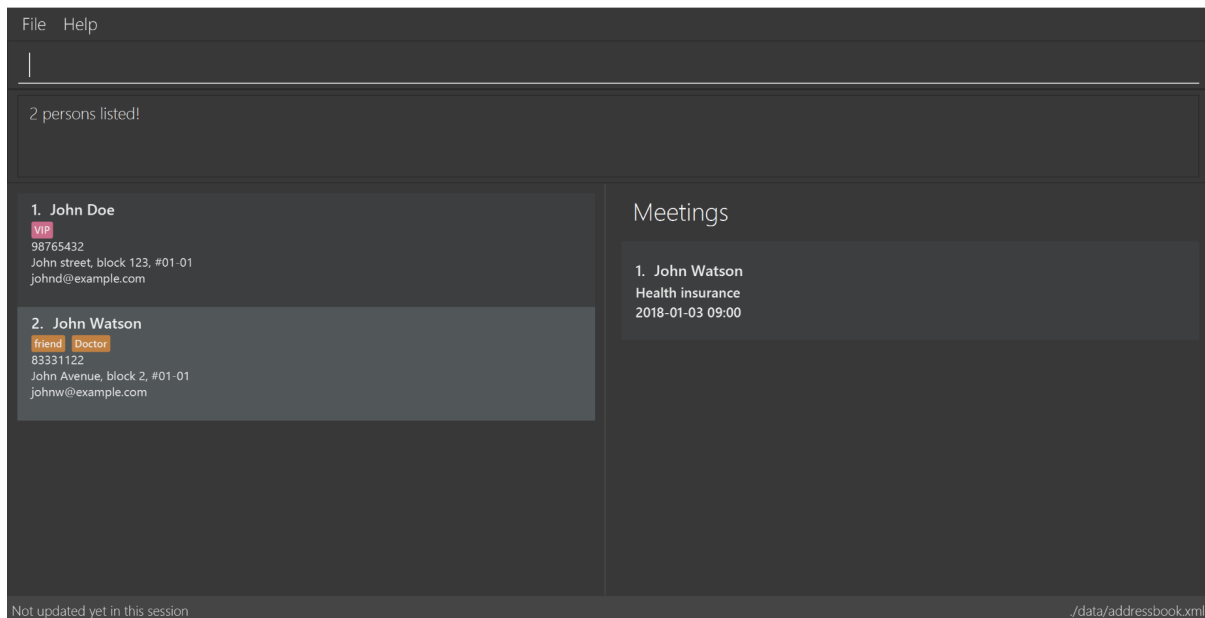


Figure 4.4.2

Here are some other ways you can use **find**:

- **>> find t/friends family p/88887777**
Lists any person having tags **friends** or **family** or whose phone number is **88887777**.
- **>> f e/*@example.com**
Lists any person whose email domain is **example.com**.
- **>> find n/steph?n**
Lists persons whose name is **stephan** or **stephen**.

4.5. Sorting contact list: **sort**

Command Name: **sort**

Shorthand Alias: **s**

Function: Sorts the contact list in alphabetical order by a given **FIELD**

Format: **sort FIELD**

NOTE Only one **FIELD** (**NAME**, **PHONE**, **ADDRESS**, **EMAIL**, **TAG**, **MEETING**) can be used at a time

NOTE For fields with multiple entries (**TAG**, **MEETING**), contacts will be sorted based on the entry that comes first alphabetically

If you would like to sort your contact list:

1. Type in the **FIELD** to sort your contact list by
>> sort name
(See Figure 4.5.1)

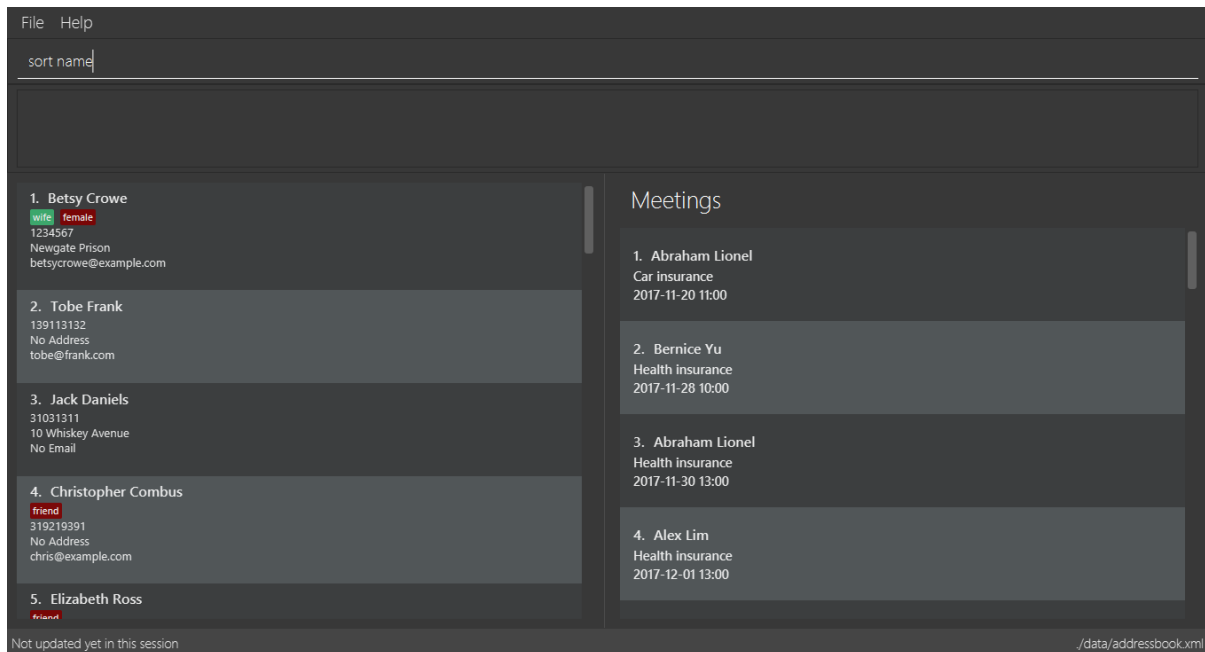


Figure 4.5.1

2. Press **Enter** and your contact list will be sorted
(See Figure 4.5.2)

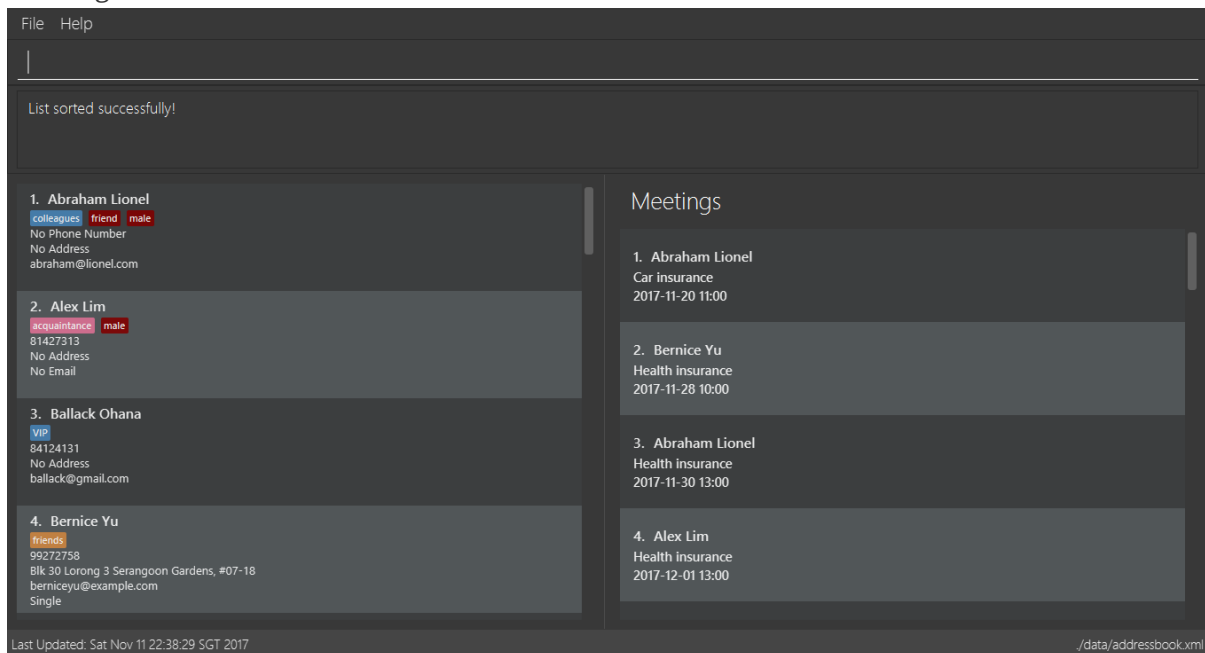


Figure 4.5.2

Here are some other ways to sort your contact list:

- **>> sort phone**
Sorts the contact list by phone number.
- **>> s tag**
Sorts the contact list by tag.
- **>> sort meeting**
Sorts the contact list by meeting time.

4.6. Deleting a person : delete

Command Name: **delete**

Shorthand Alias: **d**

Function: Deletes the specified person at the specified **INDEX** from your **ABC**

Format: **delete INDEX**

If you want to delete a contact in your **ABC**:

1. Locate the contact and take note of its index
2. Type in the command to delete the contact at the index

>> delete 1

(See Figure 4.6.1)

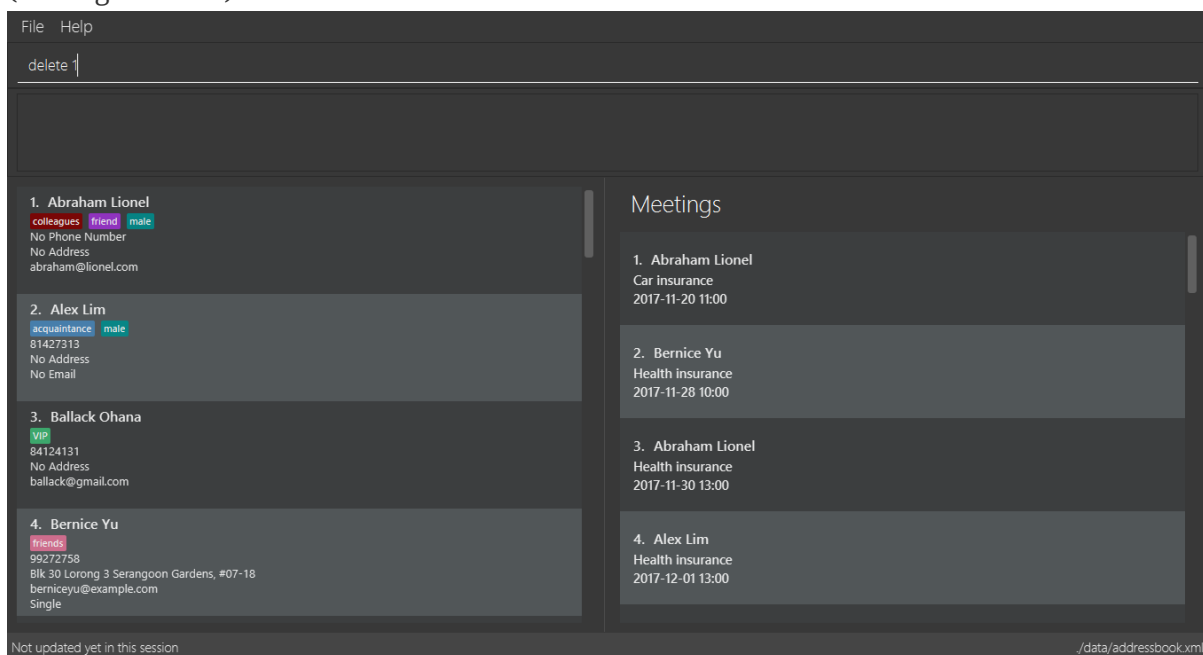


Figure 4.6.1

3. Press **Enter** and you should see that the selected contact has been deleted
(See Figure 4.6.2)

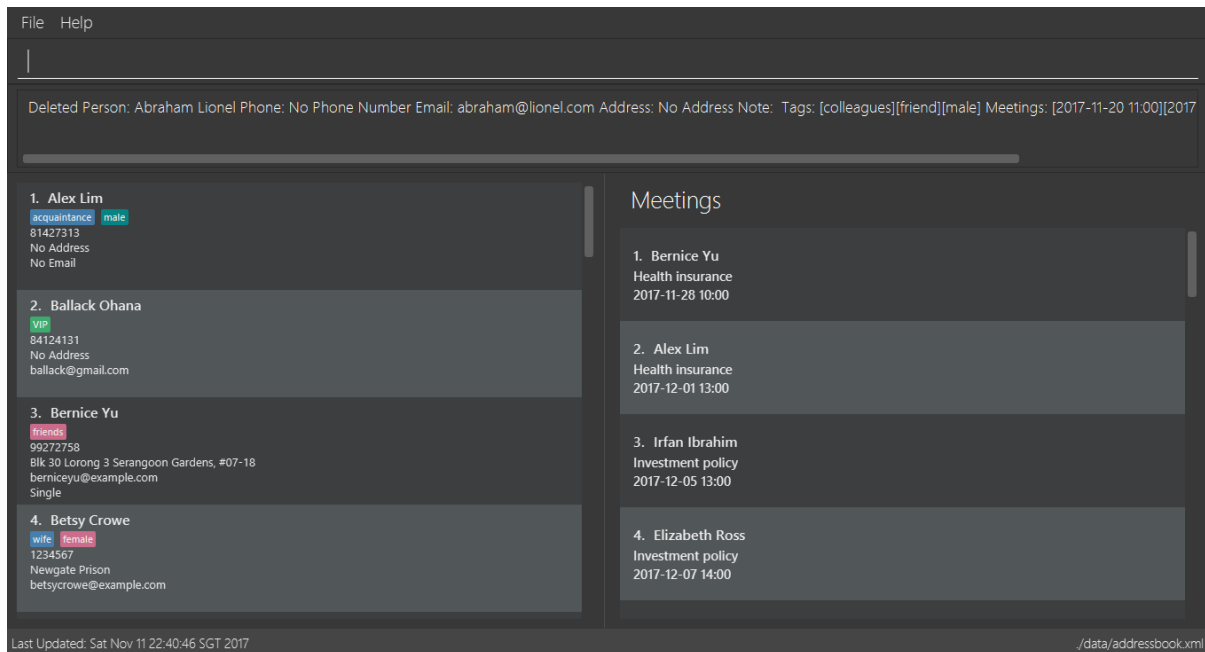


Figure 4.6.2

You can also delete contacts in a filtered list:

- `>> list`
`>> delete 2`
Deletes the 2nd person in the contact list.
- `>> find n/Betsy`
`>> delete 1`
Deletes the 1st person from the result of the `find` command.
- `>> find t/friends`
`>> d 4`
Deletes the 4th person from the result of the `find` command.

4.7. Editing a person : `edit`

Command Name: `edit`

Shorthand Alias: `e`

Function: Edits the person at the specified `INDEX`

Format: `edit INDEX [n/NAME] [p/PHONE] [e/EMAIL] [a/ADDRESS] [t/TAG]...`

TIP A person can have any number of tags (including 0)

TIP Parameters can be in any order e.g. `n/NAME p/PHONE_NUMBER, p/PHONE_NUMBER n/NAME` are equivalent

NOTE You must provide at least one of the optional fields

If you want to change the details of a contact in your **ABC**:

1. Locate the contact you want to edit and take note of its index
2. Type in the index of the contact and the details you wish to replace
>> edit 1 p/91234567 e/johndoe@example.com
(See Figure 4.7.1)

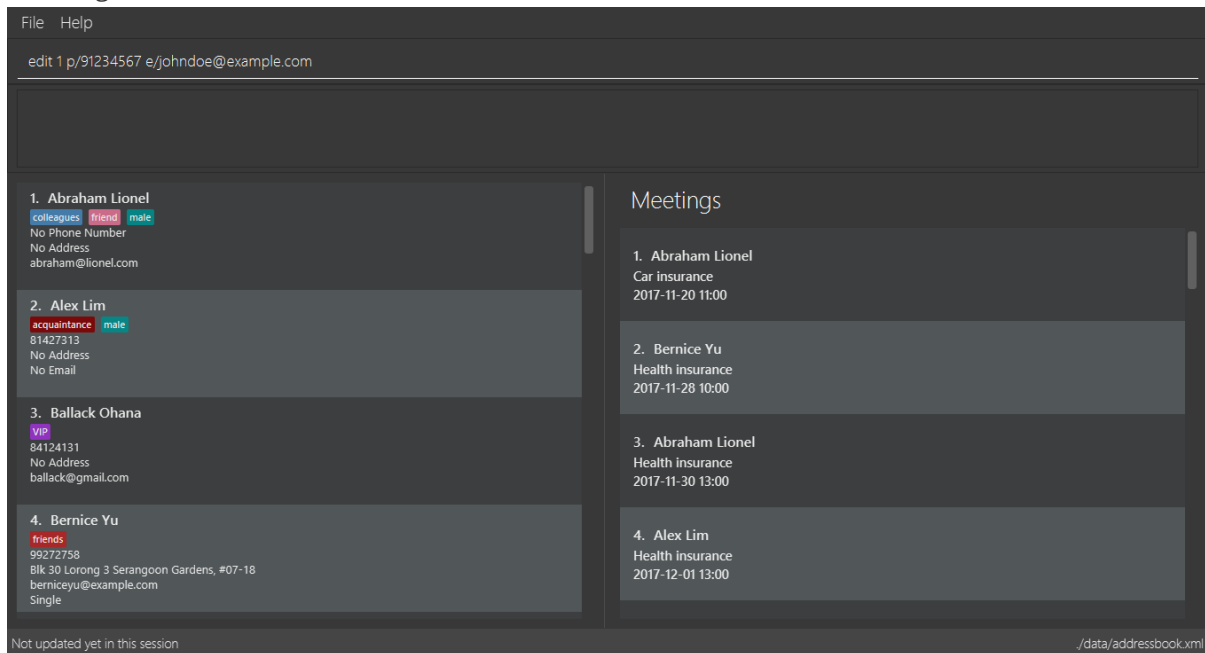


Figure 4.7.1

3. Press **Enter** and you should see that the contact selected has been modified
(See Figure 4.7.2)

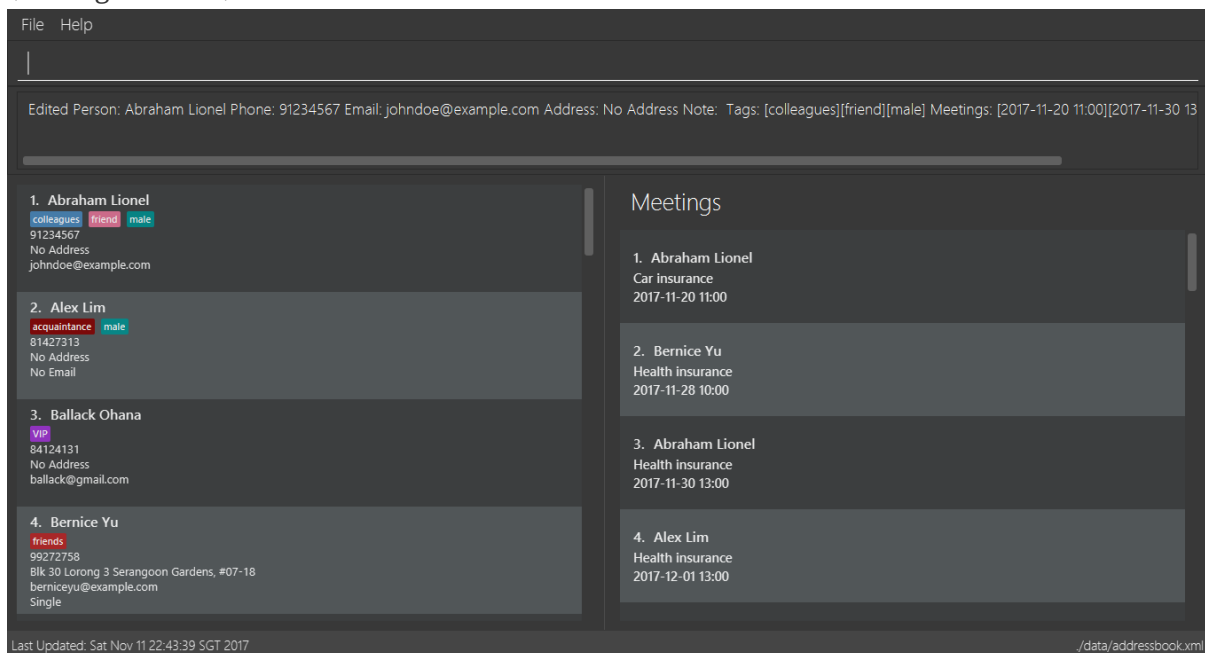


Figure 4.7.2

NOTE

Existing values will be updated to the input values

You can also edit contacts in a filtered list:

- `>> find t/friends`

`>> edit 2 n/Betsy Crower t/`

Edits the name of the 2nd person from the result of the `find` command to `Betsy Crower` and clears all existing tags.

NOTE

You can remove all the person's tags by typing `t/` without specifying any tags after it

- `>> find n/Betsy`

`>> e 1 t/friend`

Edits the tag of the 1st person from the result of the `find` command.

NOTE

When you edit tags, the existing tags of the person will be removed

4.8. Adding a tag to a person : `addtag`

Command Name: `addtag`

Shorthand Alias: `at`

Function: Adds a tag to an existing person at the specified `INDEX` in your `ABC`

Format: `addtag INDEX TAG`

NOTE

Only one tag can be added at a time

NOTE

Special characters will not be accepted e.g `!`, `@`, `#`, ...

If you want to add a single tag to a contact in your `ABC`:

1. Locate the contact you want to add a tag to and take note of its index
2. Type in the index of the contact, and the tag you wish to add

`>> addtag 1 classmates`

(See Figure 4.8.1)

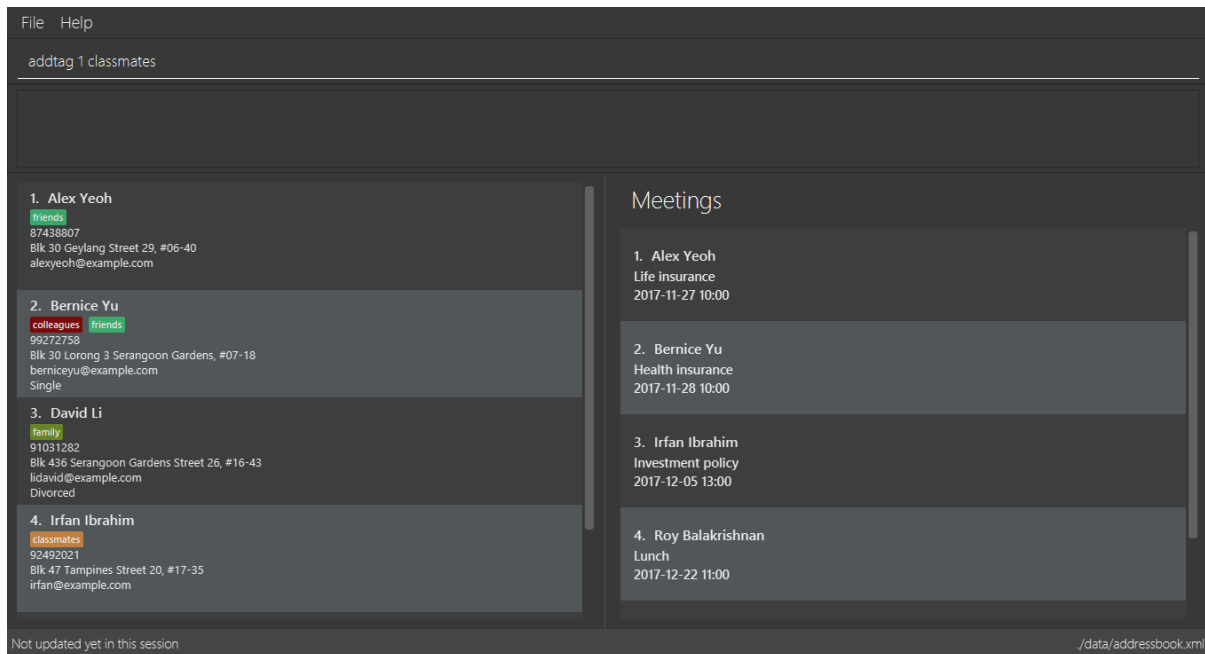


Figure 4.8.1

3. Press **Enter** and you should see that the contact selected has been modified (See Figure 4.8.2)

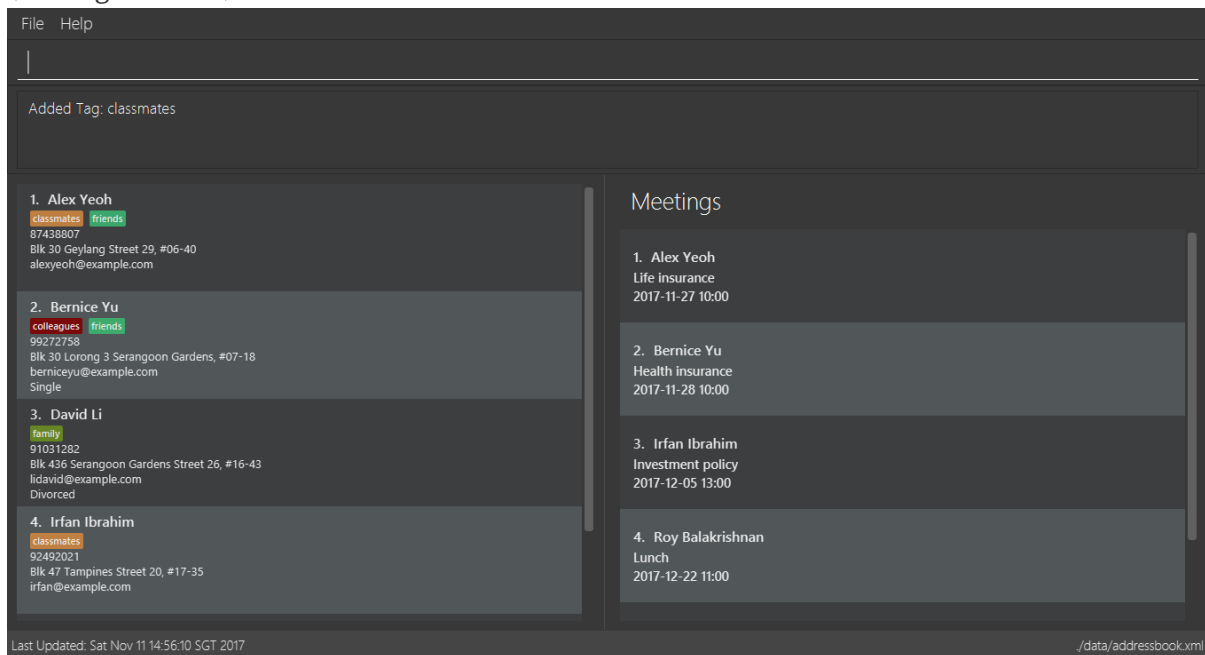


Figure 4.8.2

You can also add tags to a contact in a filtered list:

- **>> find t/friends**
>> addtag 2 friends
 Adds the **friends** tag to the 2nd person from the result of the **find** command.
- **>> find n/John**
>> at 1 9pmclass
 Adds the **9pmclass** tag to the 1st person from the result of the **find** command.

4.9. Deleting a tag : deletetag

Command Name: **deletetag**

Shorthand Alias: **dt**

Function: Deletes the specified tag from a specified person or all persons in your **ABC**

Format: **deletetag INDEX TAG**

If you want to delete a single tag from a contact in your **ABC**:

1. Locate the contact you want to delete a tag from and take note of its index
2. Type in the index of the contact and the tag you wish to delete

>> deletetag 1 classmates

(See Figure 4.9.1)

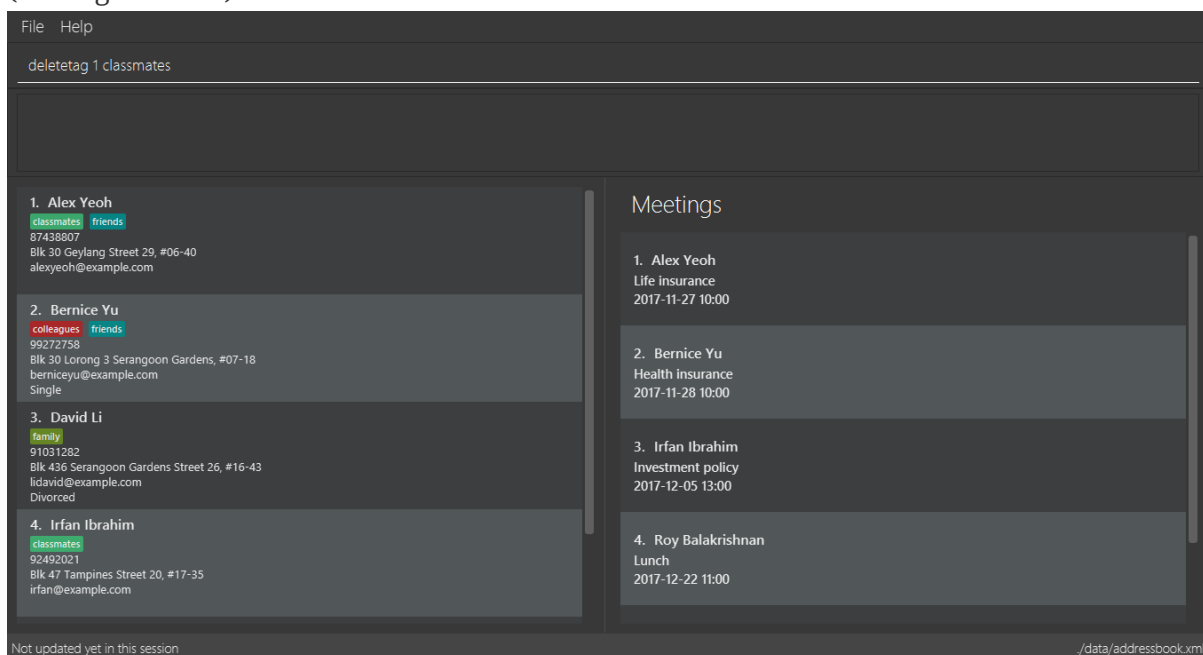


Figure 4.9.1

3. Press **Enter** and you should see that the contact selected has been modified
(See Figure 4.9.2)

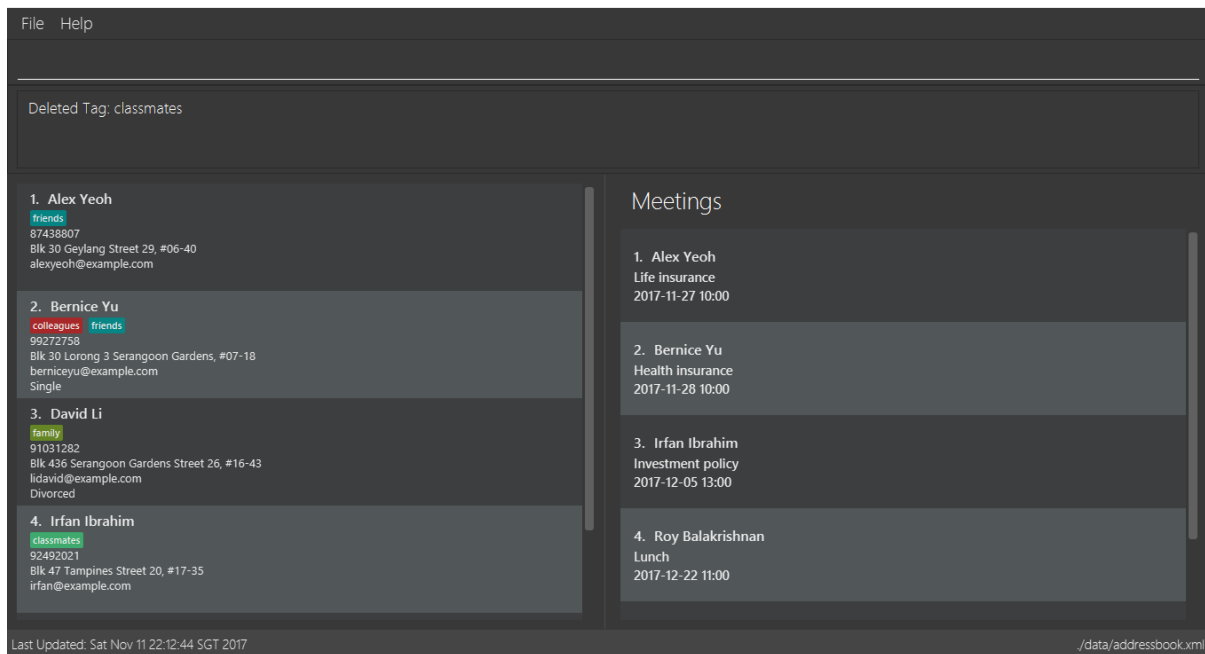


Figure 4.9.2

You can also delete tags from a contact in a filtered list:

- `>> find t/friends`
`>> deletetag 2 friends`
 Deletes the `friends` tag from the 2nd person from the result of the `find` command.
- `>> find n/John`
`>> dt 1 9pmclass`
 Deletes the `9pmclass` tag from the 1st person from the result of the `find` command.

If you would like to delete all instances of a particular tag from your **ABC**:

1. Type in `all`, followed by the tag you wish to delete

`>> deletetag all friends`

(See Figure 4.9.3)

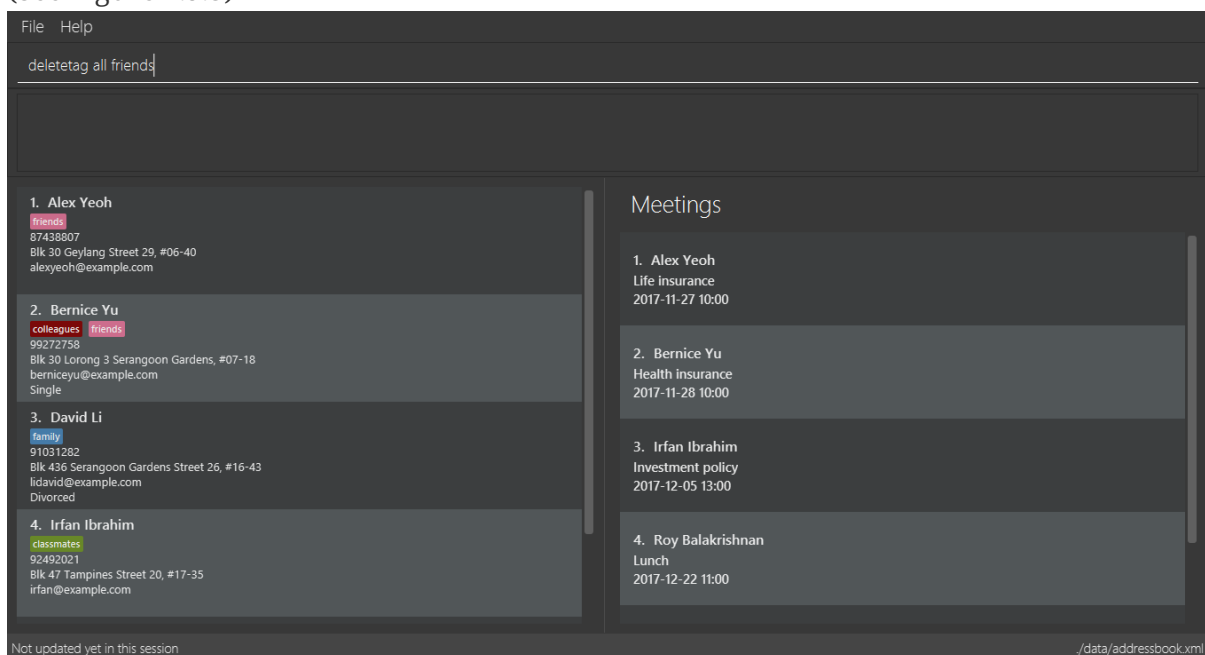


Figure 4.9.3

2. Press **Enter** and you should see that this tag has been deleted from all contacts
(See Figure 4.9.4)

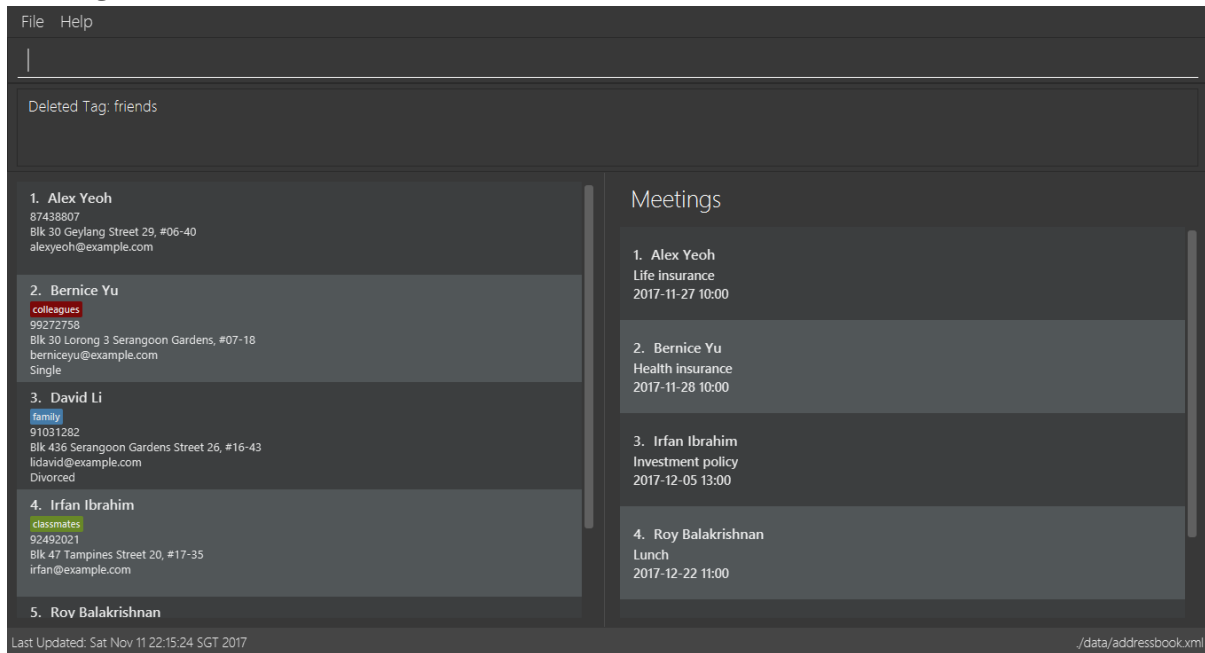


Figure 4.9.4

4.10. Adding a meeting to a person : **addmeeting**

Command Name: **addmeeting**

Shorthand Alias: **am**

Function: Adds a meeting to a specified person in your **ABC**

Format: **addmeeting MEETING_NAME/MEETING_TIME**

NOTE **MEETING_TIME** must be in the format YYYY-MM-DD HH:MM

If you want to add a meeting to a contact in your **ABC**:

1. Locate the contact you want to add a meeting to and take note of its index
2. Type in the index of the contact, the name of the meeting and the time of the meeting you wish to add

```
>> addmeeting 1 class lunch/2017-11-20 12:00
```

(See Figure 4.10.1)

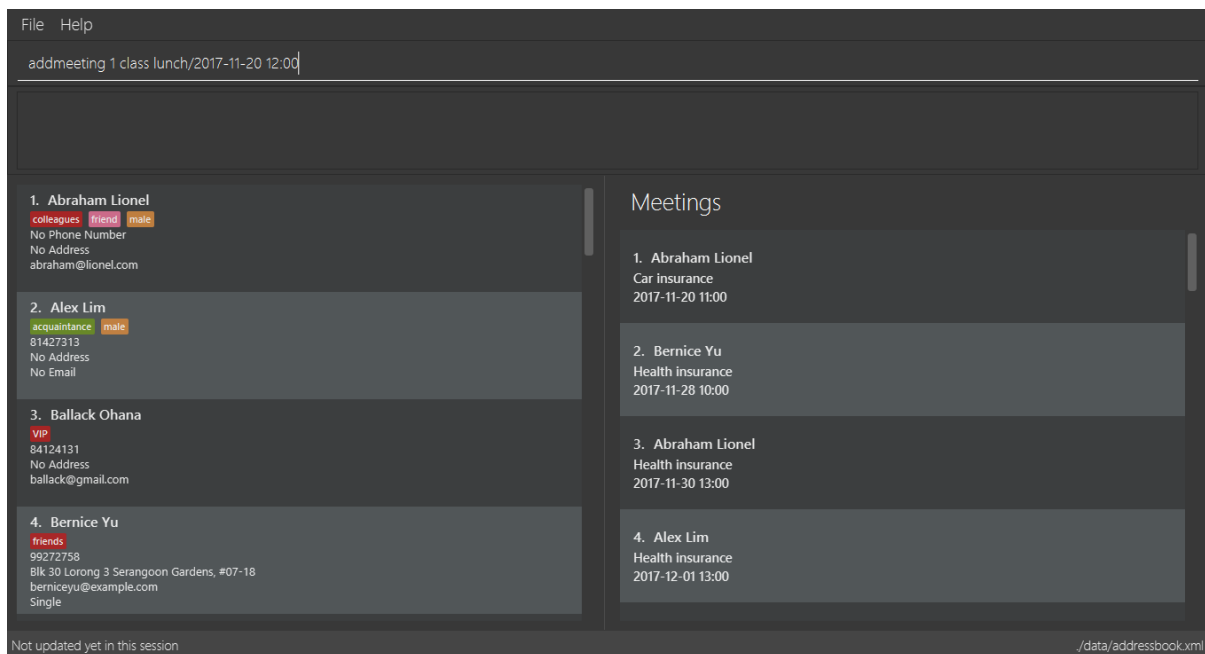


Figure 4.10.1

- Press **Enter** and you should see that the contact that you selected has been modified (See Figure 4.10.2)

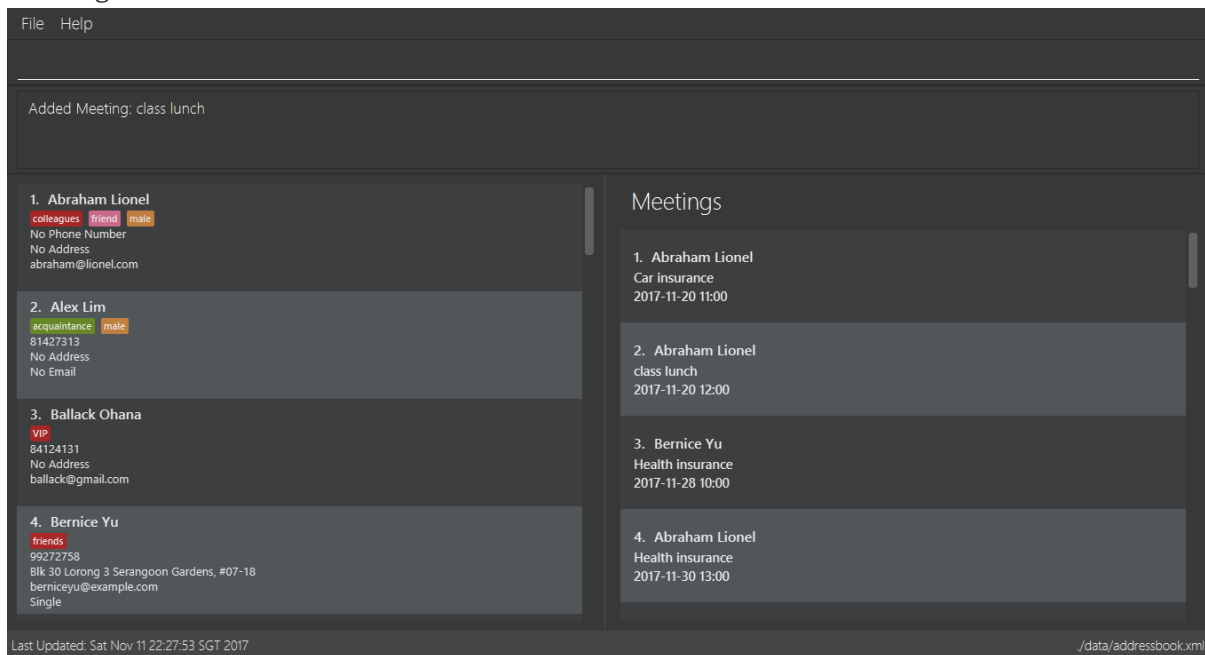


Figure 4.10.2

You can also add meetings to a contact in a filtered list:

- >> find t/friends
>> addmeeting 2 breakfast/2017-12-15 10:00
Adds a meeting named **breakfast** at **2017-12-15 10:00** to the 2nd person from the result of the **find** command.

4.11. Deleting a meeting : deletemeeting

Command Name: **deletemeeting**

Shorthand Alias: **dm**

Function: Deletes the specified meeting in the meeting list from your **ABC**

Format: **deletemeeting INDEX**

If you want to delete a meeting in your **ABC**:

1. Locate the meeting you want to delete and take note of its index
2. Type in the index of the meeting to be deleted

>> deletemeeting 1

(See Figure 4.11.1)

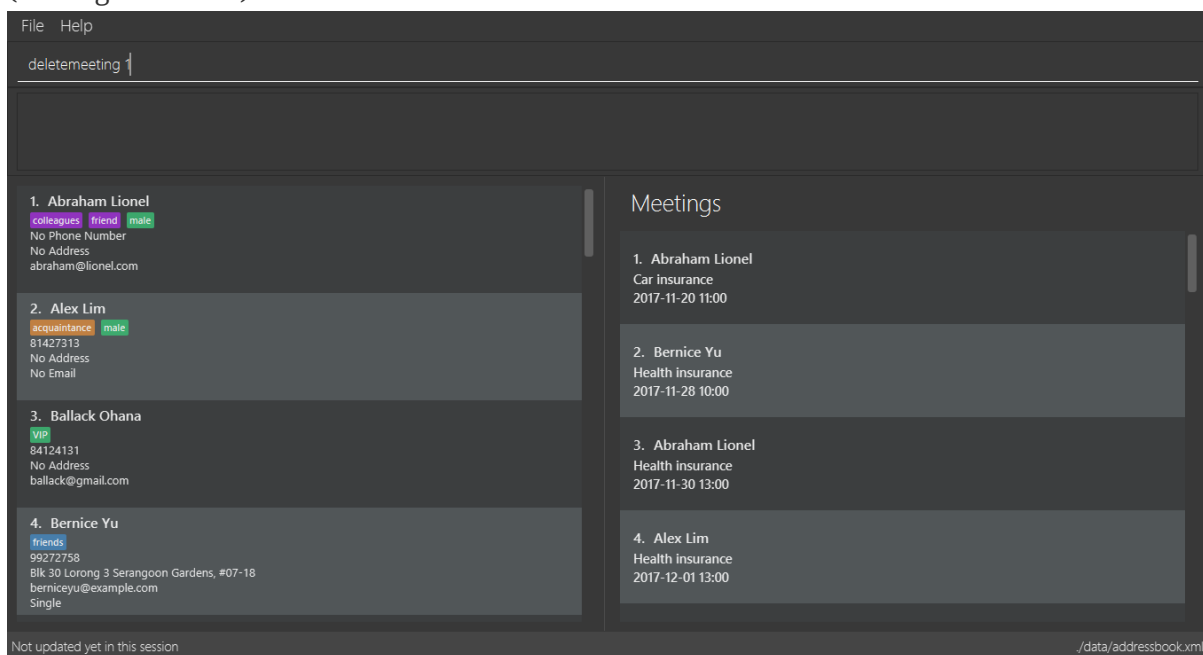


Figure 4.11.1

3. Press **Enter** and you should see that the selected meeting has been deleted
(See Figure 4.11.2)

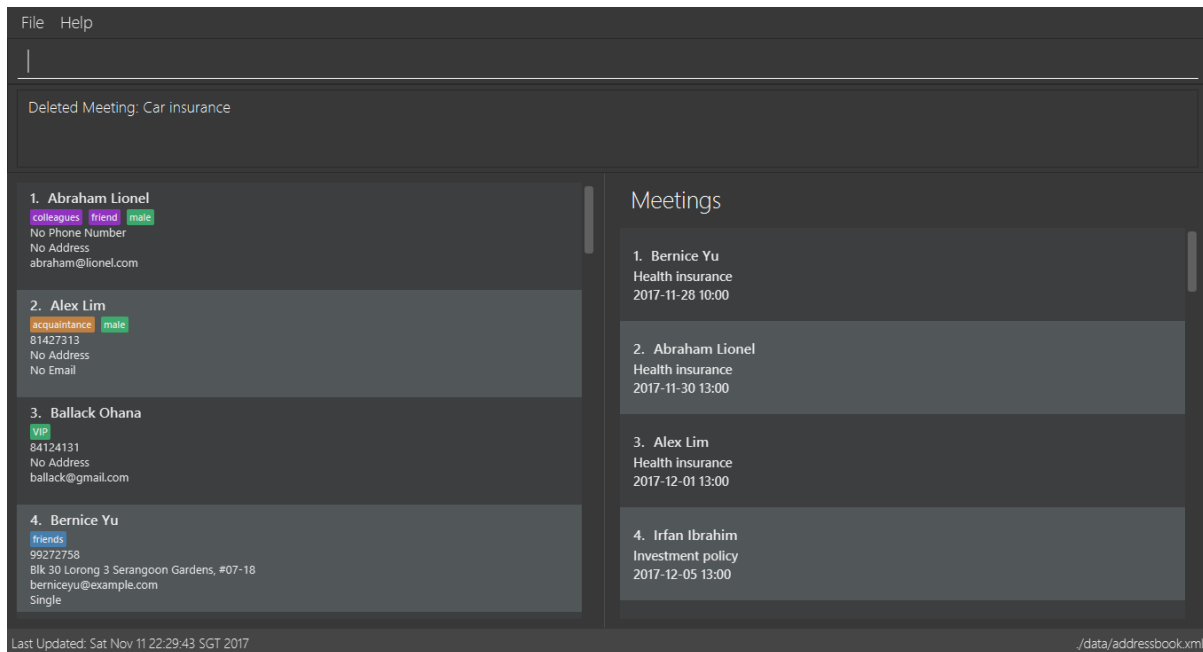


Figure 4.11.2

You can also delete a contact in a filtered list:

- `>> list`
`>> deletemeeting 2`
Deletes the 2nd meeting in **ABC**.
- `>> find n/Betsy`
`>> deletemeeting 1`
Deletes the 1st meeting from the result of the **find** command.
- `find t/friends`
`>> dm 4`
Deletes the 4th meeting from the result of the **find** command.

4.12. Selecting a person : **select**

Command Name: **select**
Shorthand Alias: **sl**
Function: Selects a contact with the specified **INDEX**
Format: **select INDEX**

You can select a contact from the displayed list by following the steps below:

1. Type in
`>> select 1`
(See Figure 4.12.1)

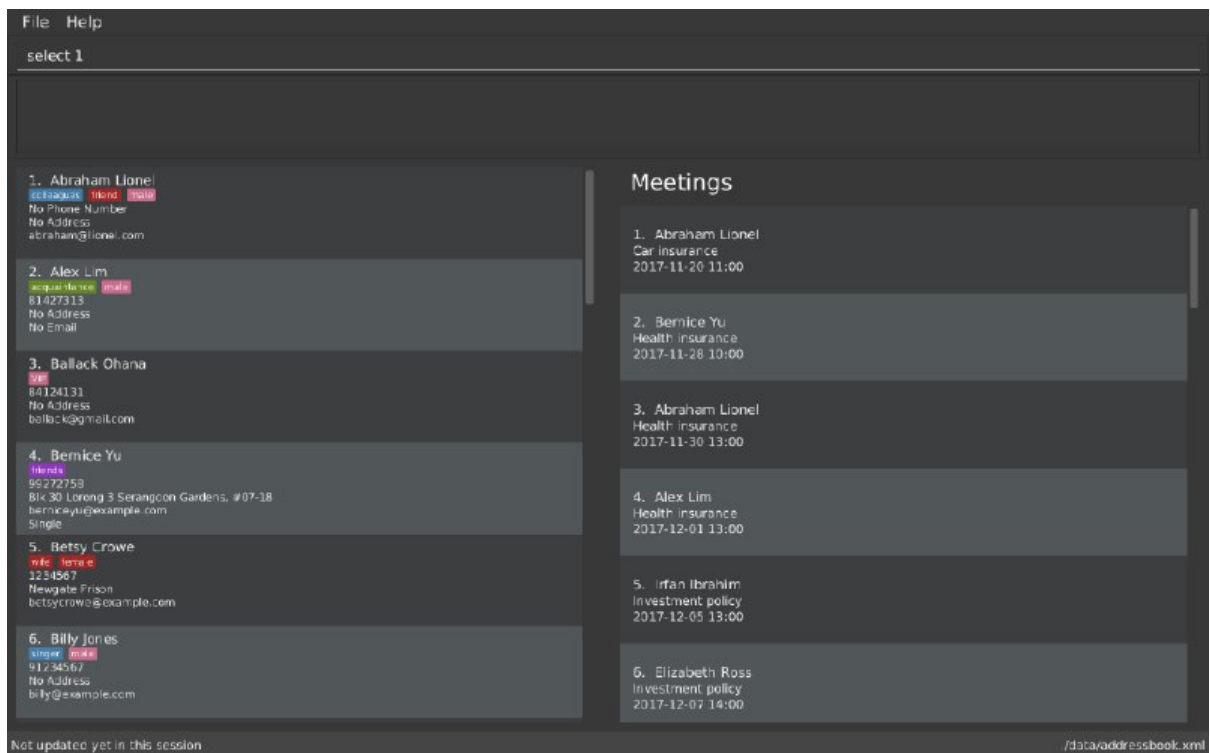


Figure 4.12.1

- Pressing **Enter** and your choice should now be selected
(See Figure 4.12.2)

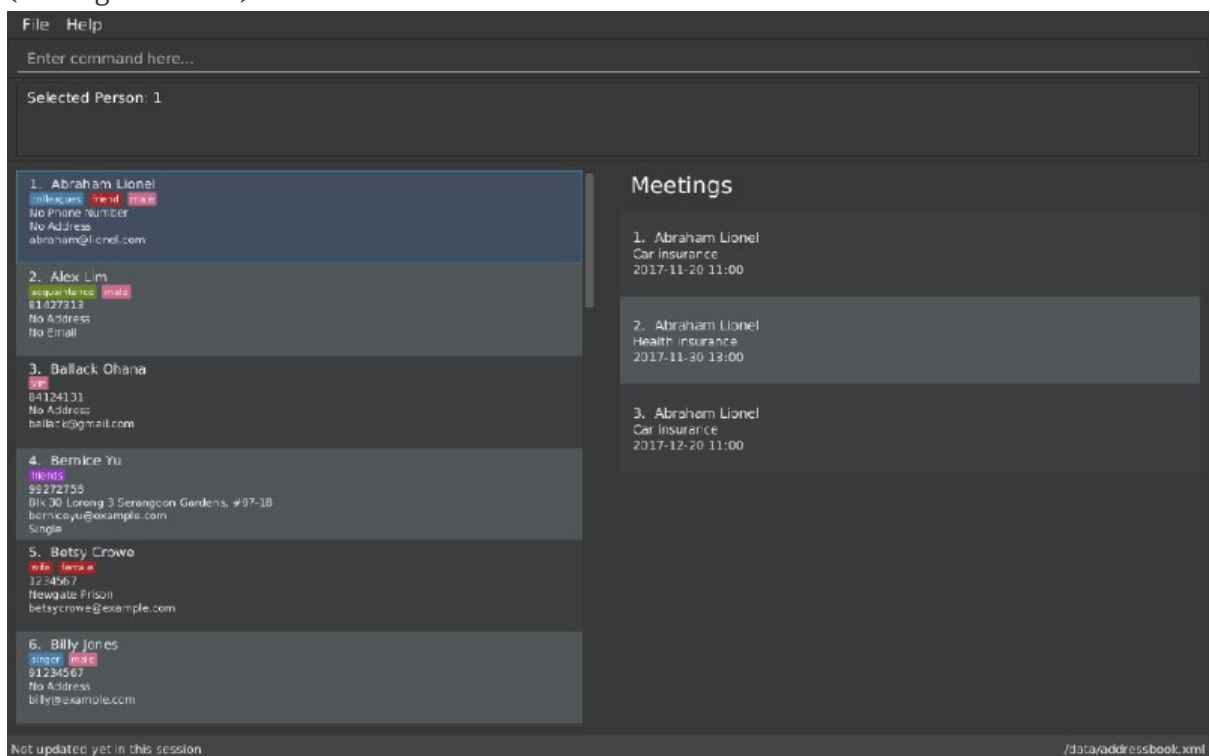


Figure 4.12.2

Here is another way to select a contact:

- >> s 1**

You can also select a contact in a filtered list:

- >> list**
- >> select 2**

Selects the 2nd person in **ABC**.

- `>> find n/Betsy`
`>> select 1`

Selects the 1st person from the result of the **find** command.

- `>> list`
`>> s 7`

Selects the 7th person in **ABC**.

4.13. Making a note: **note**

Command Name: **note**

Shorthand Alias: **n**

Function: Inserts a NOTE for the contact specified by INDEX in the **ABC**

Format: **note** INDEX [NOTE]

NOTE Each contact can have at most 1 note

TIP NOTE can be blank to delete existing note, i.e. **note 1**

If you want to add a note for a contact:

1. Locate the contact and take note of its index
2. Type in your desired INDEX and NOTE

`>> note 1 This is an important note`

(See Figure 4.13.1)

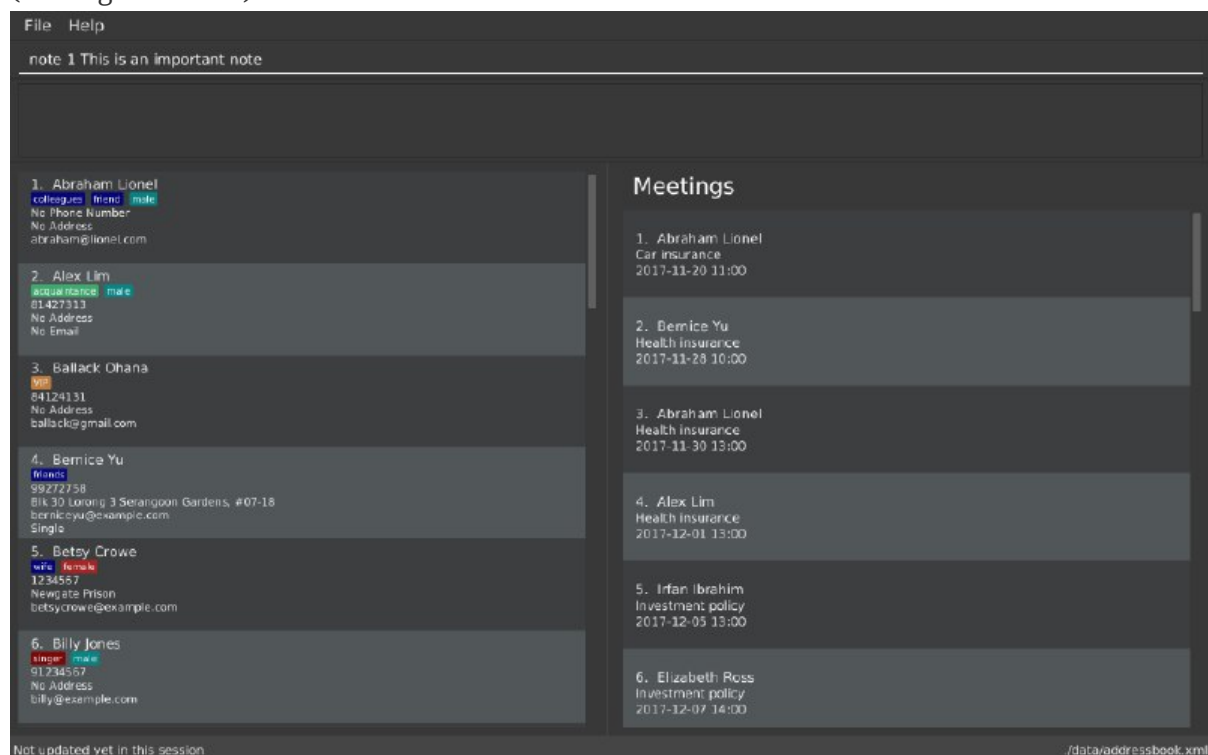


Figure 4.13.1

3. Press **Enter** and your note should appear as the last row in your contact's details
(See Figure 4.13.2)

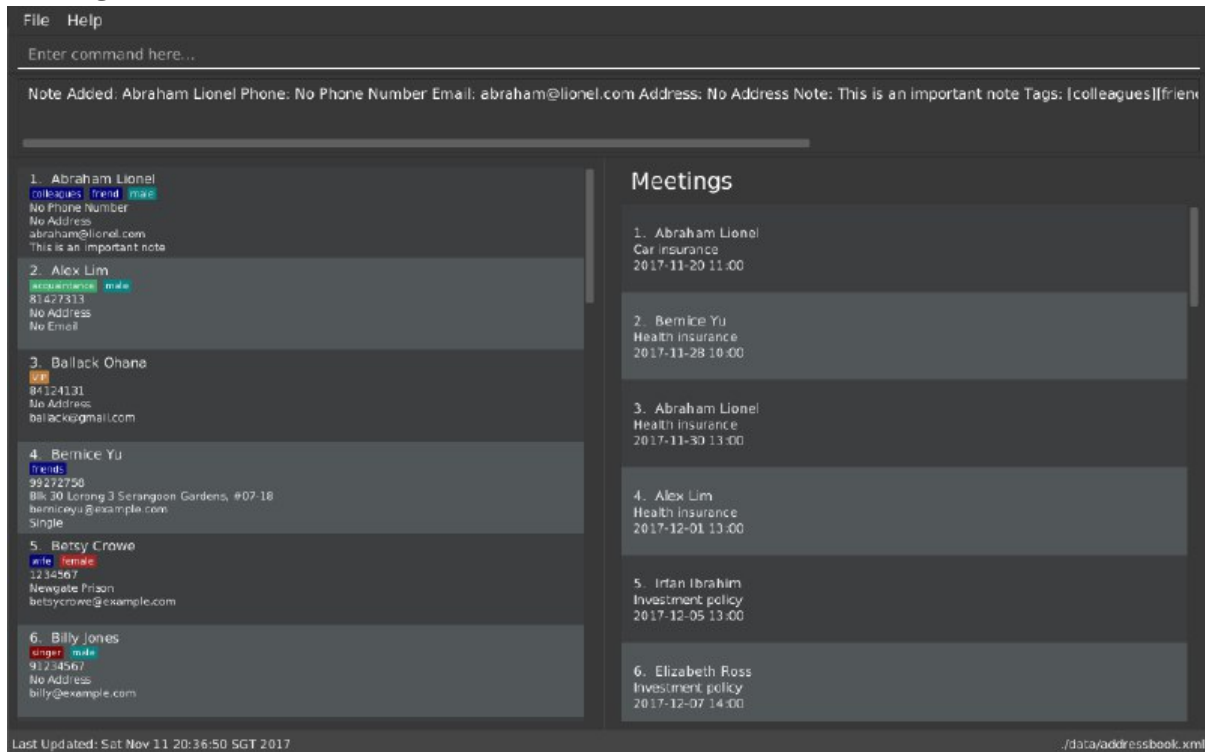


Figure 4.13.2

Here are some other ways to change your ABC contact's note:

- **>> note 2**
Removes the existing note from the 2nd person
- **>> n 3 This is a note**
Changes the 3rd contact's note to "This is a note"
- **>> n 3**
Removes the existing note from the 3rd person

4.14. Clearing all entries : **clear**

Command Name: **clear**
Shorthand Alias: **c**
Function: Clears all existing contacts in the ABC
Format: **clear**

You can also clear all ABC contacts. To do so:

1. Type in
>> clear
(See Figure 4.14.1)

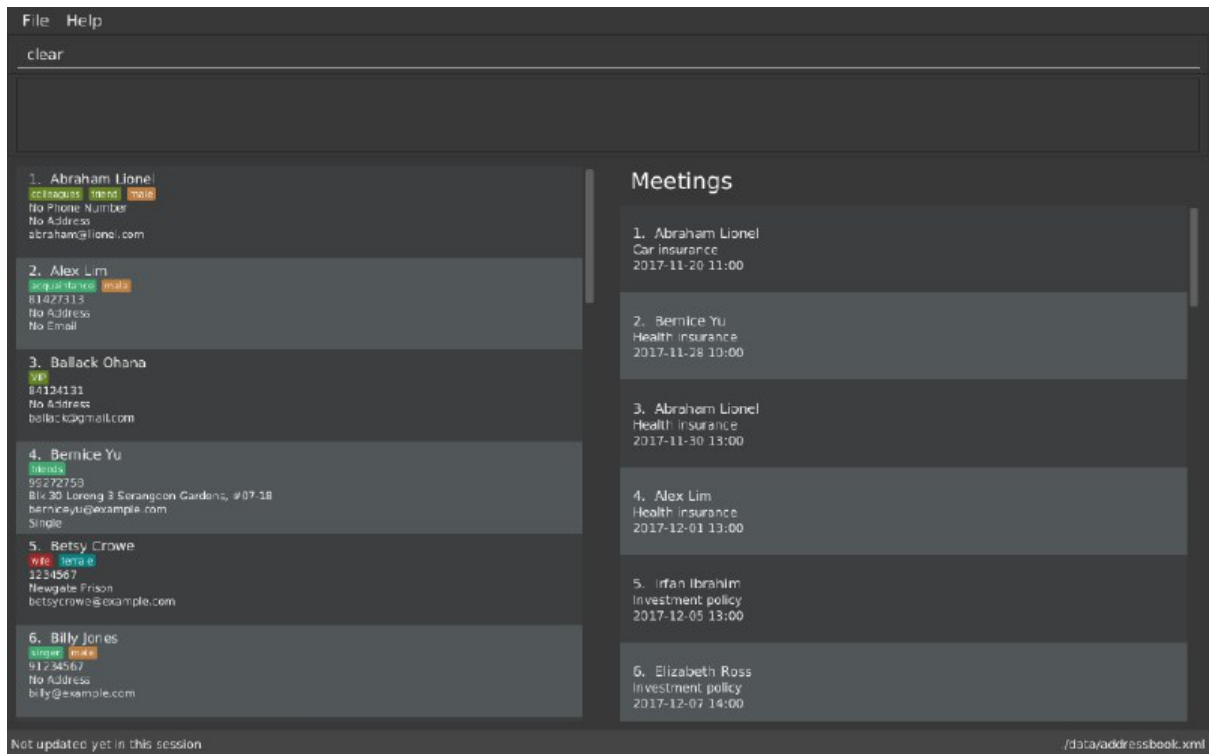


Figure 4.14.1

2. Press **Enter** and your contacts should now be cleared
(See Figure 4.14.2)

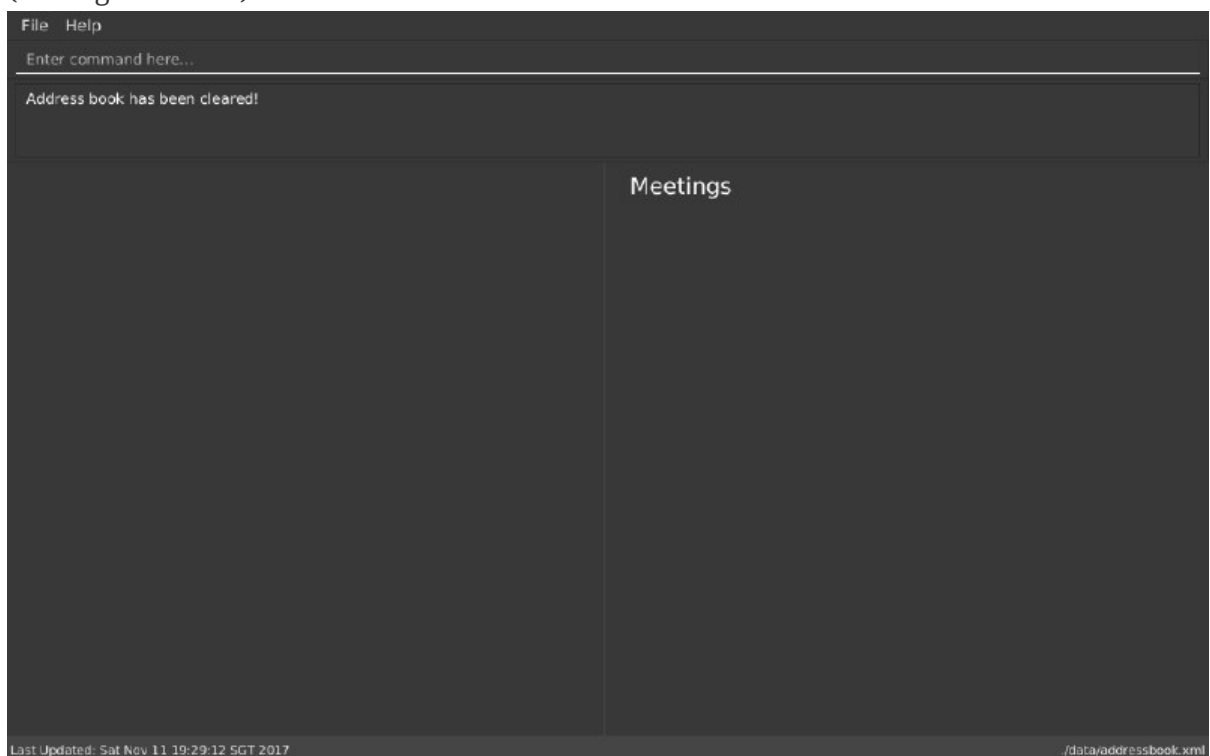


Figure 4.14.2

4.15. Creating a backup : backup

Command Name: **backup**

Shorthand Alias: **b**

Function: Creates a backup file that stores the data in **ABC**

Format: **backup**

NOTE

Your data is automatically backed up every time you close **ABC**

If you want to backup your data:

1. Type in

>> backup

(See Figure 4.15.1)

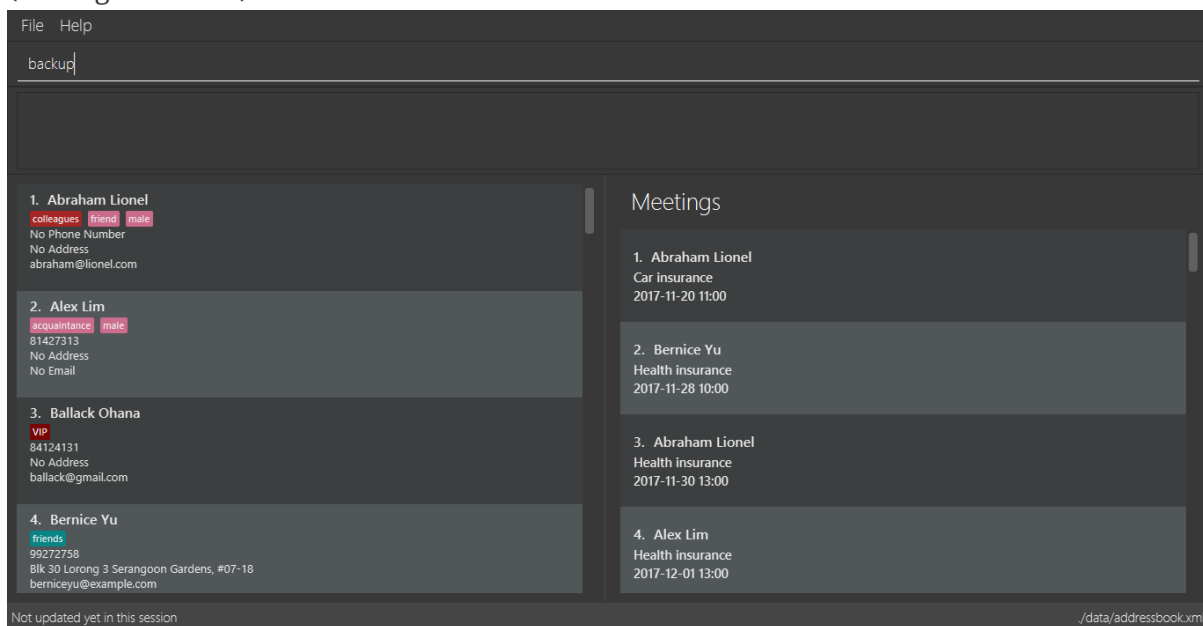


Figure 4.15.1

2. Press **Enter** and you should see a message indicating the successful backup of your data (See Figure 4.15.2)

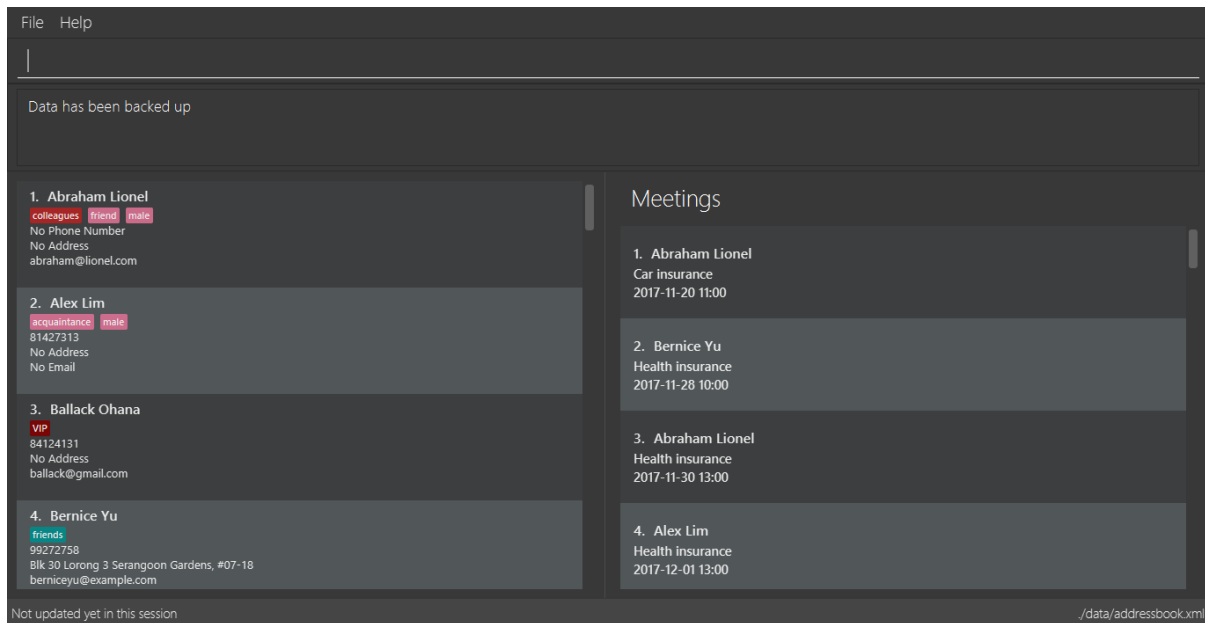


Figure 4.15.2

4.16. Restoring a backup : **restore**

Command Name: **restore**

Shorthand Alias: **rb**

Function: Retrieves data from a backup file and restore it in **ABC**

Format: **restore**

NOTE

There must be a backup file in the default file path for **restore** command to work

If you encounter an unforeseen circumstance and want to revert to a backup:

1. Type in

>> restore

(See Figure 4.16.1)

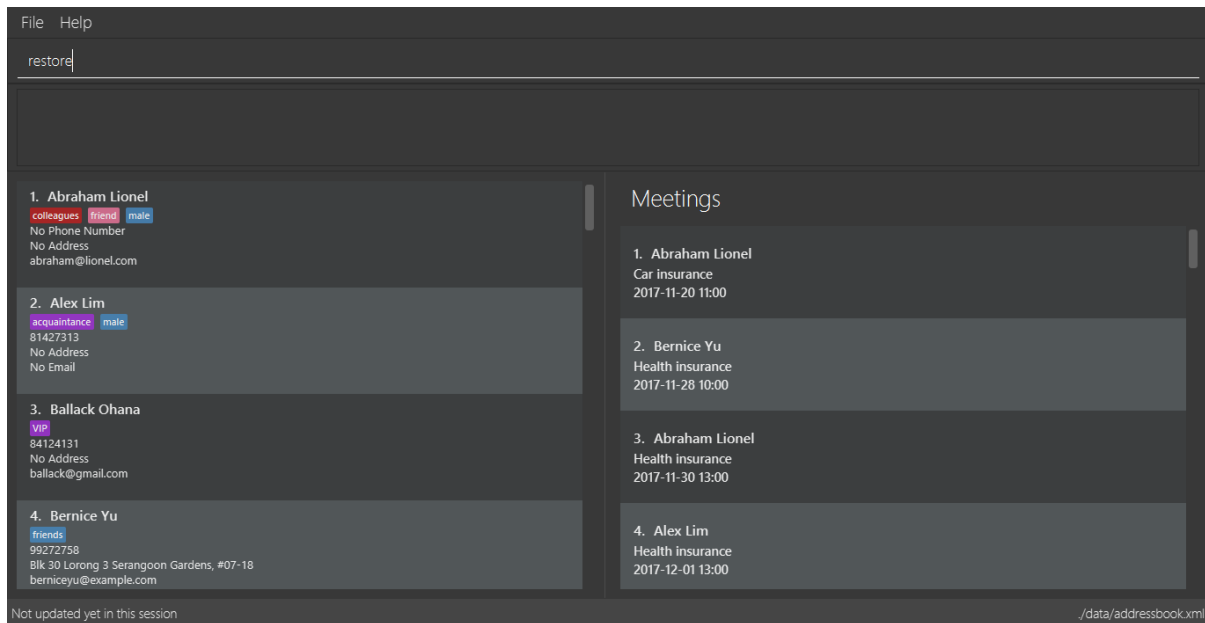


Figure 4.16.1

- Press **Enter** and you should see that the backup data is restored
(See Figure 4.16.2)

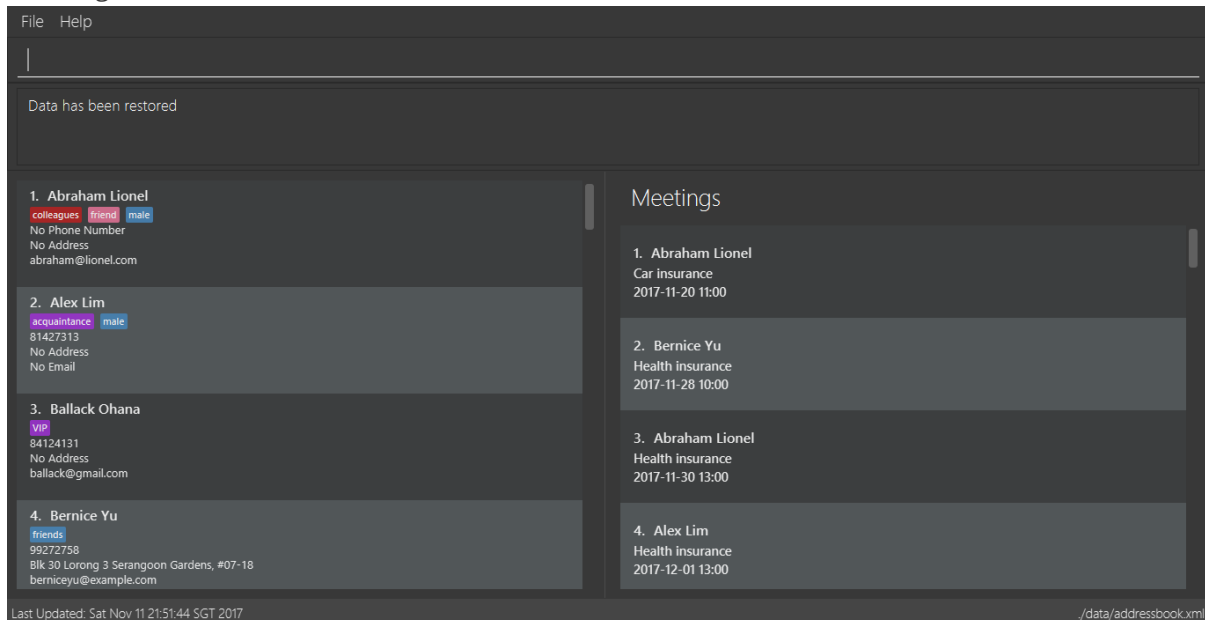


Figure 4.16.2

4.17. Logging in to Google Contacts: **login**

Command Name: **login**

Shorthand Alias: **li**

Function: Logs in to Google Contacts

Format: **login**

NOTE

It is mandatory to execute this command before running **sync**

If you would like to login to Google Contacts:

1. Type in
>> login
(See Figure 4.17.1)

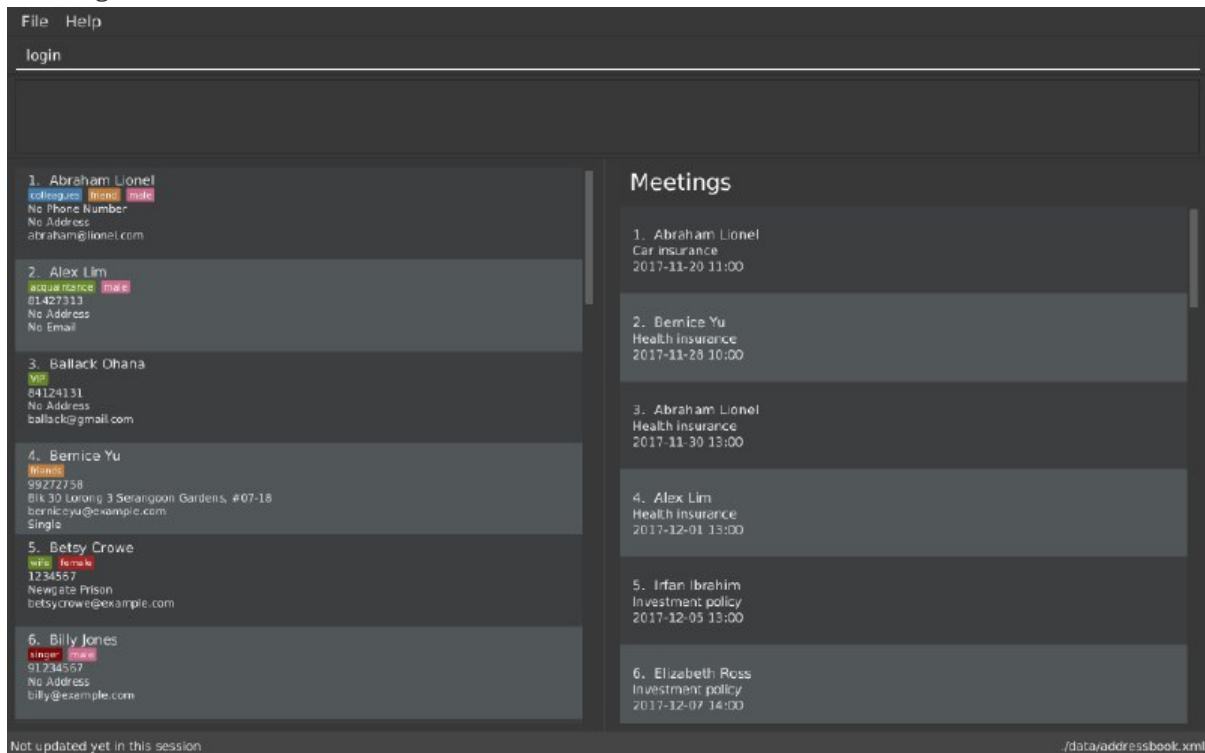


Figure 4.17.1

2. Press **Enter** and your default browser should open a login window
(See Figure 4.17.2)

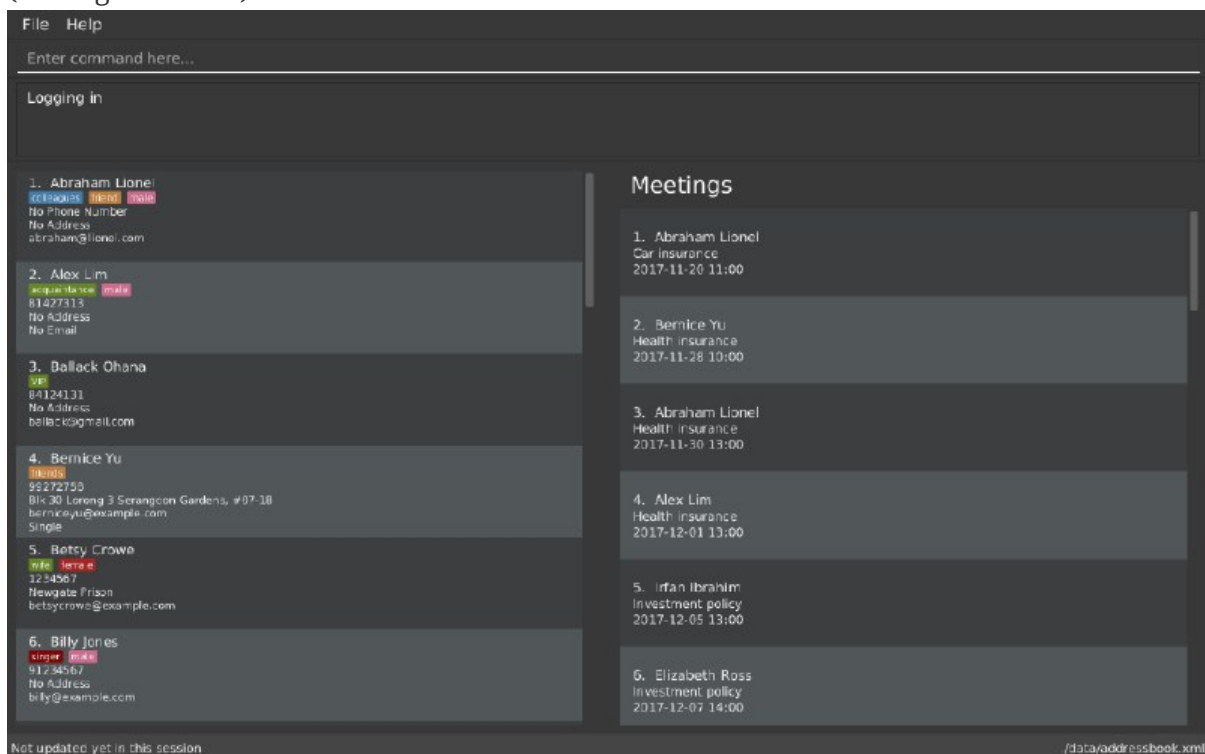


Figure 4.17.2

3. Enter your login details and press Next
(See Figure 4.17.3)

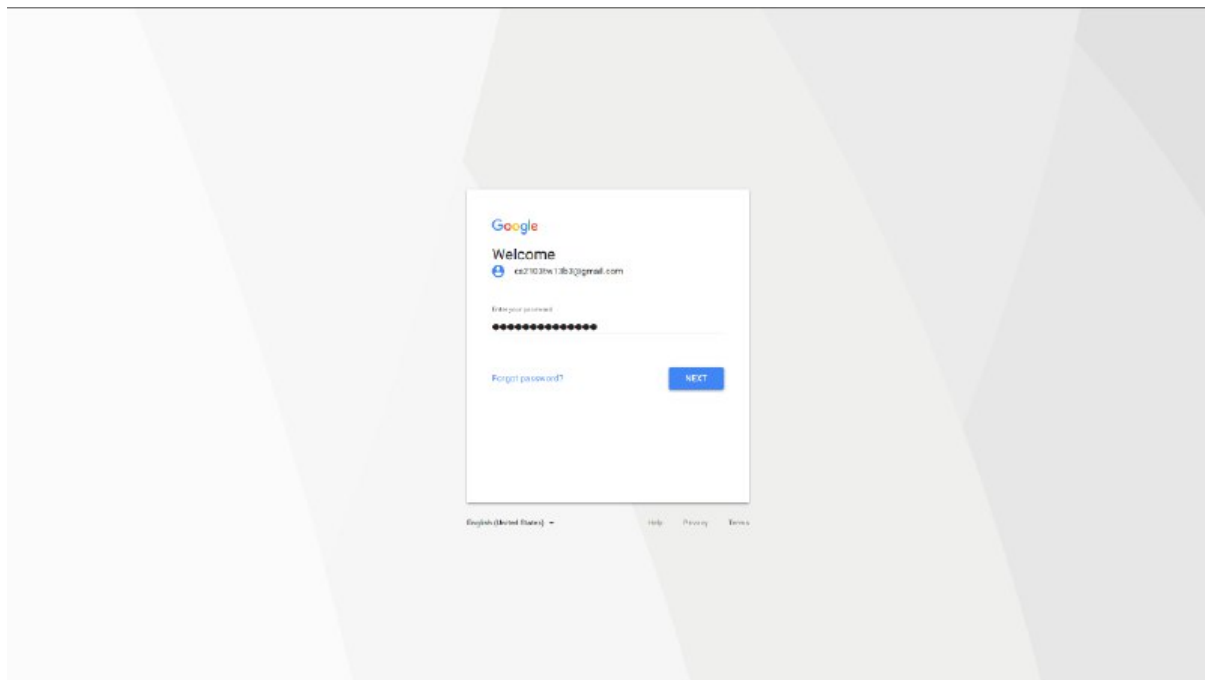


Figure 4.17.3

4. Allow **ABC** to access your Google Contacts information
(See Figure 4.17.4)

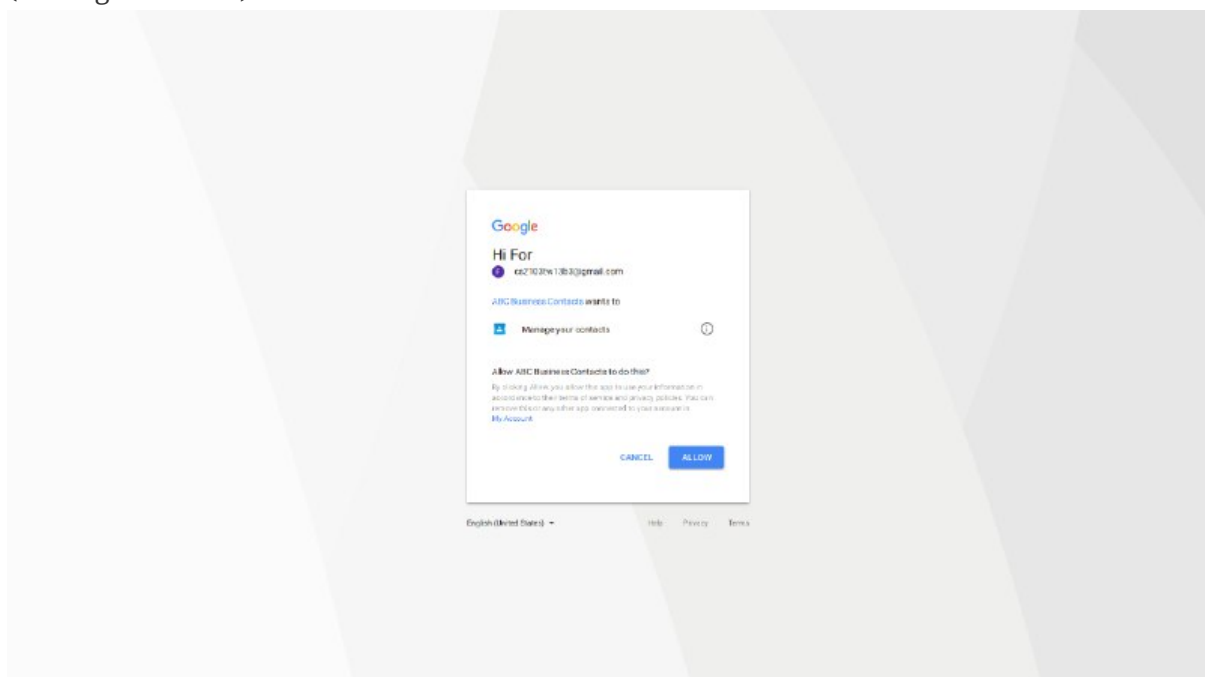


Figure 4.17.4

4.18. Synchronising with Google Contacts : **sync**

Command Name: **sync**

Shorthand Alias: **sy**

Function: Synchronises your contacts with Google Contacts after authentication

Format: **sync**

- | | |
|-------------|--|
| NOTE | A browser is necessary for logging in to Google |
| NOTE | You have to run the login command before you can run sync |
| NOTE | Synchronisation currently does not support Google Contacts with multiple email addresses, phone numbers, and/or addresses. |

You can easily synchronise your **ABC** contacts with Google Contacts through the following steps:

1. Type in

>> sync

(See Figure 4.18.1)

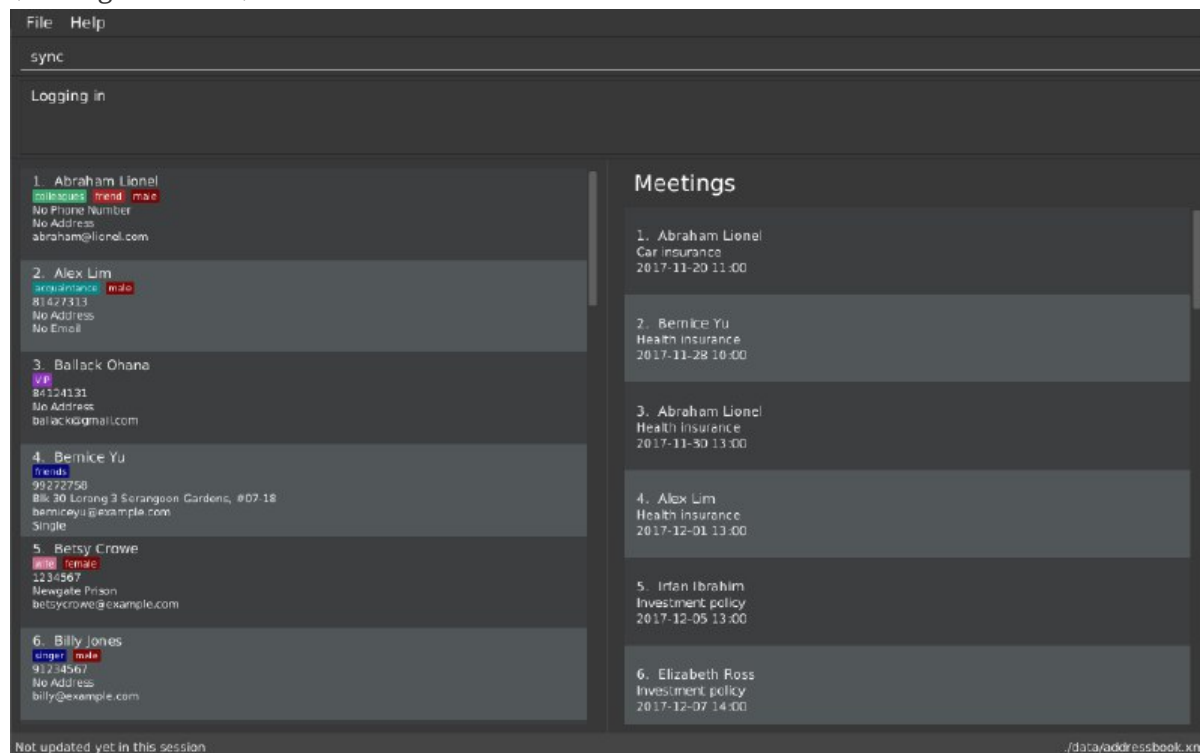


Figure 4.18.1

2. Your contacts are now synchronised

(See Figure 4.18.2 and 4.18.3)

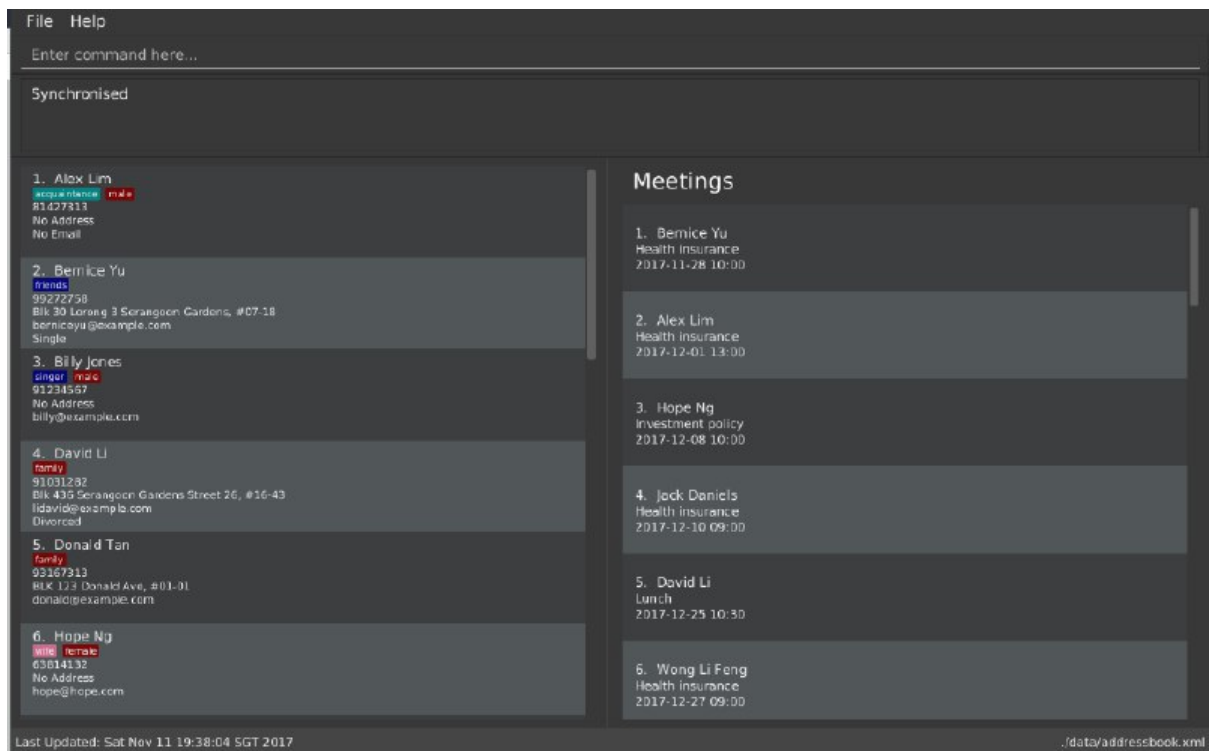


Figure 4.18.2

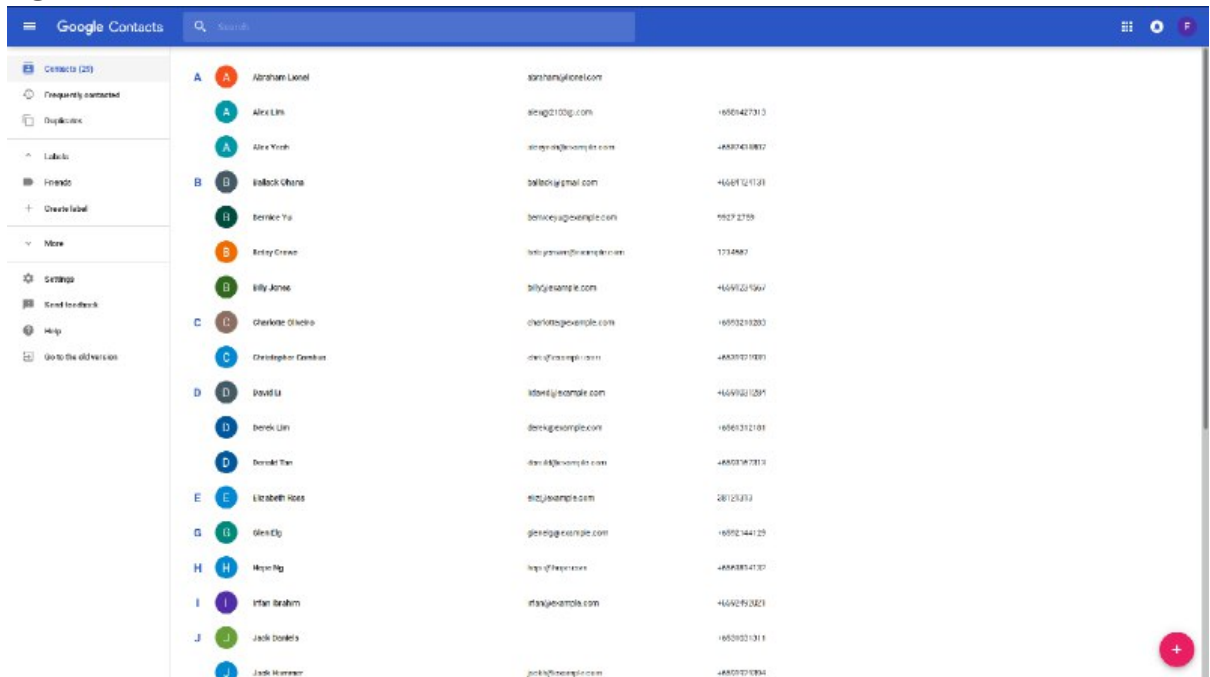


Figure 4.18.3

4.19. Logging out of Google Contacts : **logout**

Command Name: **logout**

Shorthand Alias: **lo**

Function: Logs out of your linked Google Account after you have logged in

Format: **logout**

NOTE

You should only use this command if you would like to log out of your linked Google account

You can log out of your linked Google Account by doing the following:

- 1. Type in
>> logout
(See Figure 4.19.1)

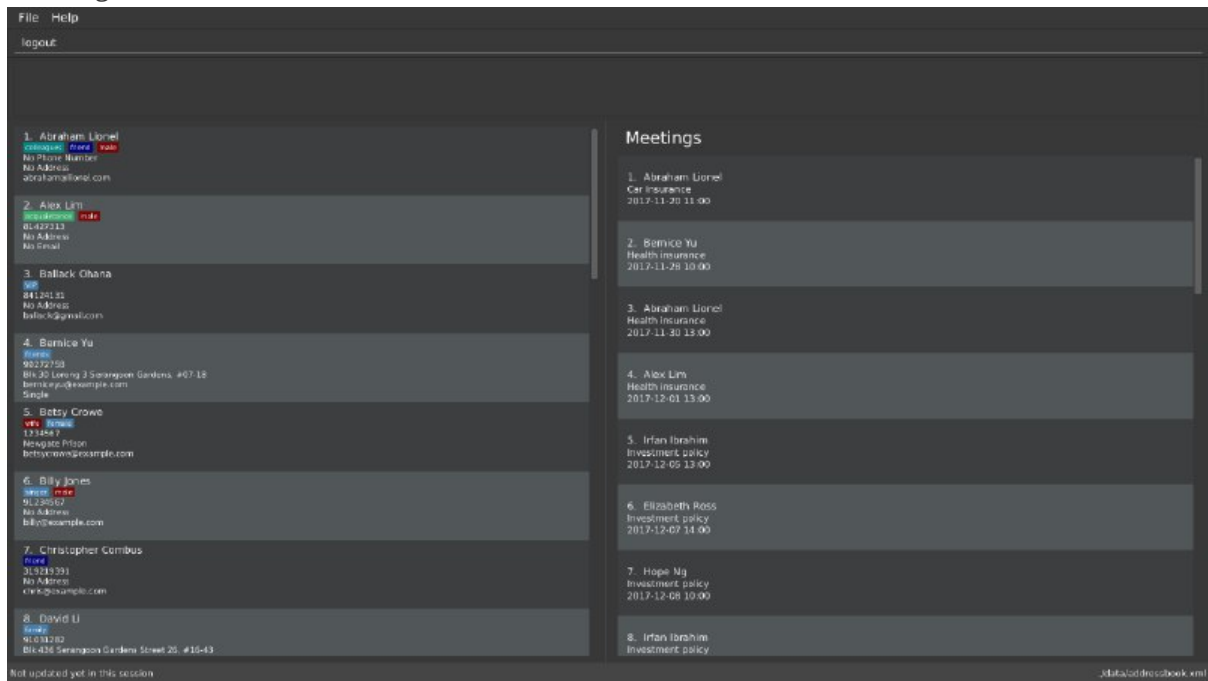


Figure 4.19.1

- 2. You are now logged out
(See Figure 4.19.2)

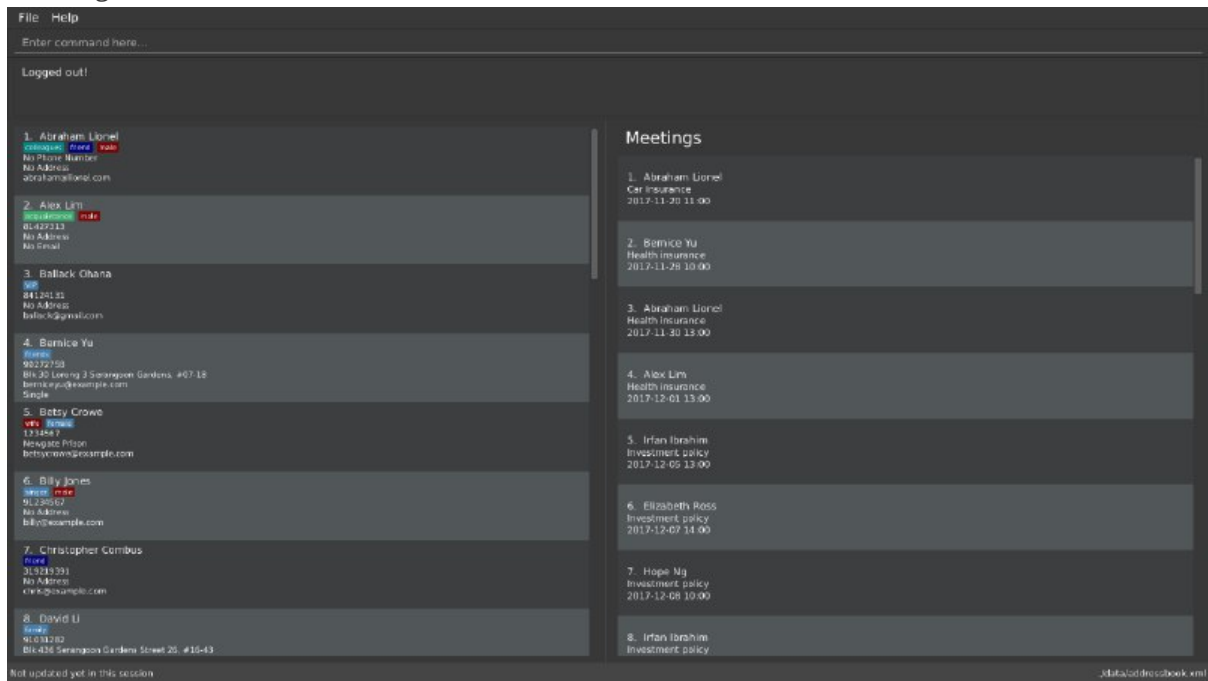


Figure 4.19.2

4.20. Listing entered commands : **history**

Command Name: **history**

Shorthand Alias: **hx**

Function: Lists all the commands that you have entered in reverse chronological order

Format: **history**

TIP

Pressing the **Up** and **Down** arrow keys will display the previous and next input respectively in the command box.

If you want to view the list of commands entered:

1. Type in

>> history

(See Figure 4.20.1)

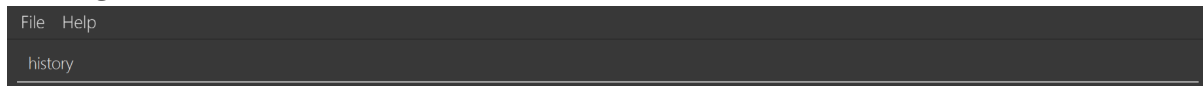


Figure 4.20.1

2. Press **Enter** and the list of commands that you entered before would show up

(See Figure 4.20.2)

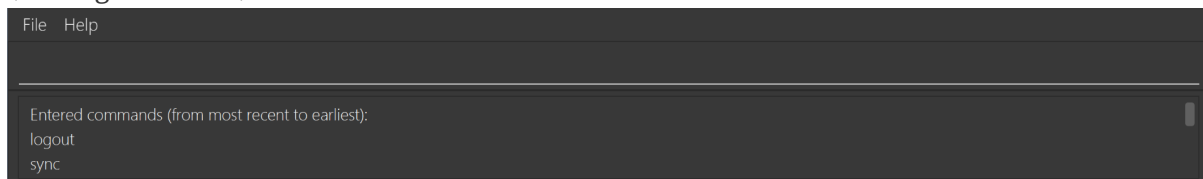


Figure 4.20.2

4.21. Undoing previous command : **undo**

Command Name: **undo**

Shorthand Alias: **u**

Function: Restores the application to the state where the previous *undoable* command was not executed

Format: **undo**

NOTE

Undoable commands: those commands that modify the application's content
They include **add**, **sort**, **delete**, **edit**, **addtag**, **deletetag**, **addmeeting**, **deletemeeting**, **note**, **restore** and **clear**

When you **delete** a contact by accident:

1. Remove the first contact

>> delete 1

(See Figure 4.21.1)

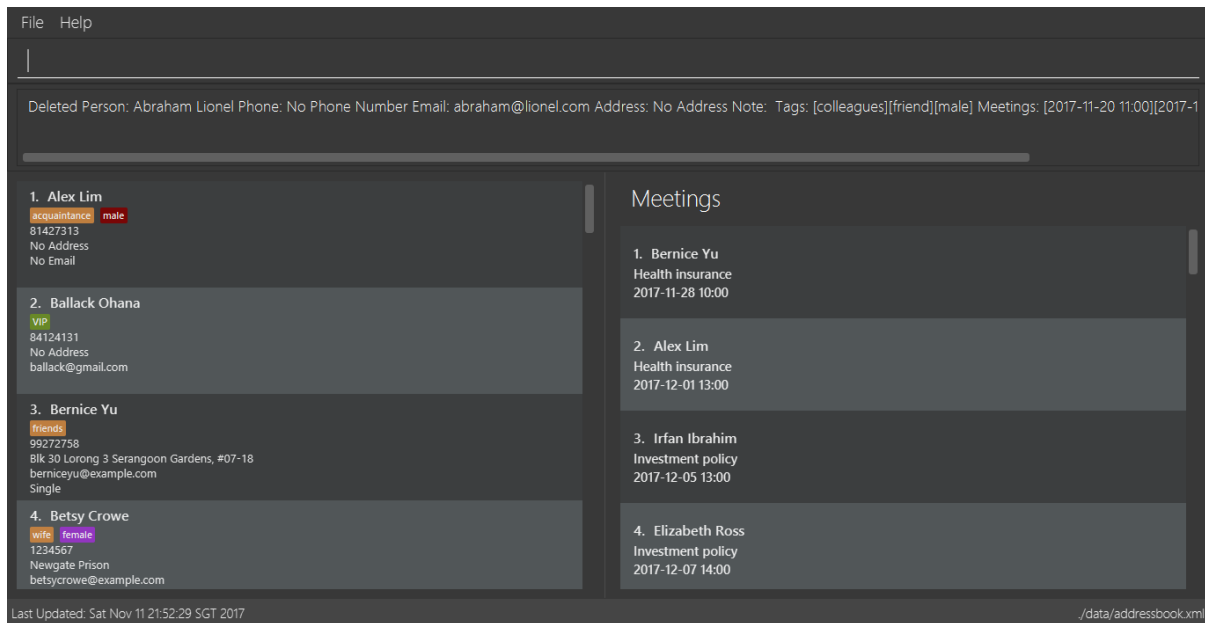


Figure 4.21.1

2. Type in the **undo** command

>> **undo**

(See Figure 4.21.2)

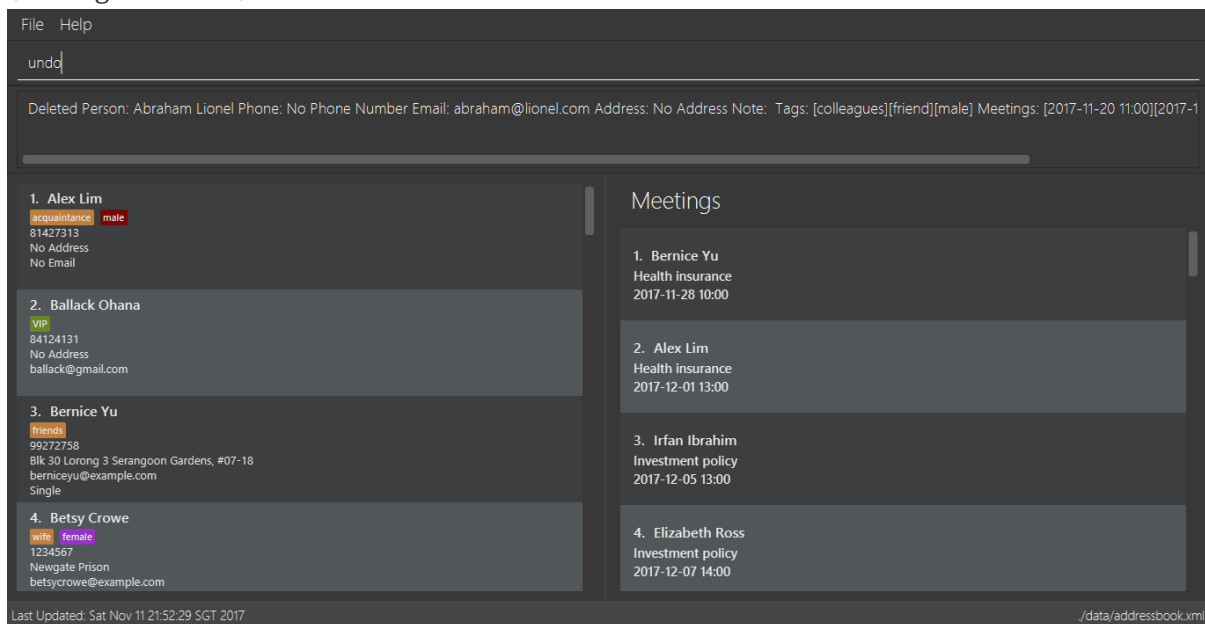


Figure 4.21.2

3. Press **Enter** and you should see that the effects of **delete 1** has been reverted

(See Figure 4.21.3)

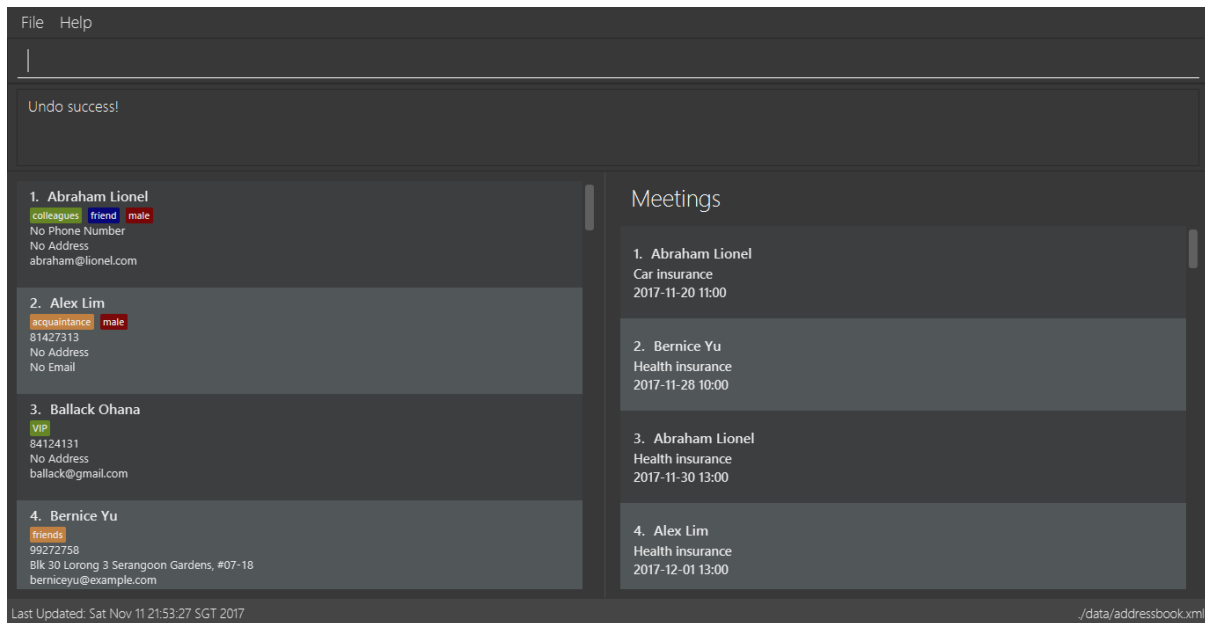


Figure 4.21.3

The following are more examples to help you better understand the **undo** command:

- Failure to **undo** as there are no undoable commands executed previously:

1. Restart **ABC** and select the first contact

>> select 1

(See Figure 4.21.4)

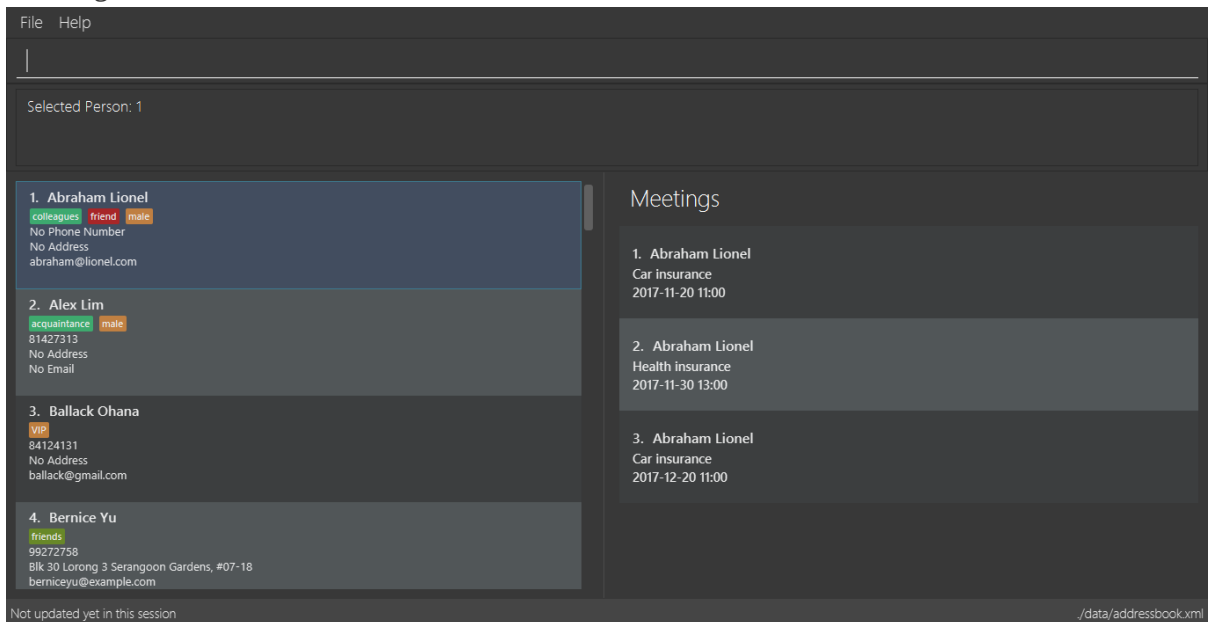


Figure 4.21.4

2. List all the contacts

>> list

(See Figure 4.21.5)

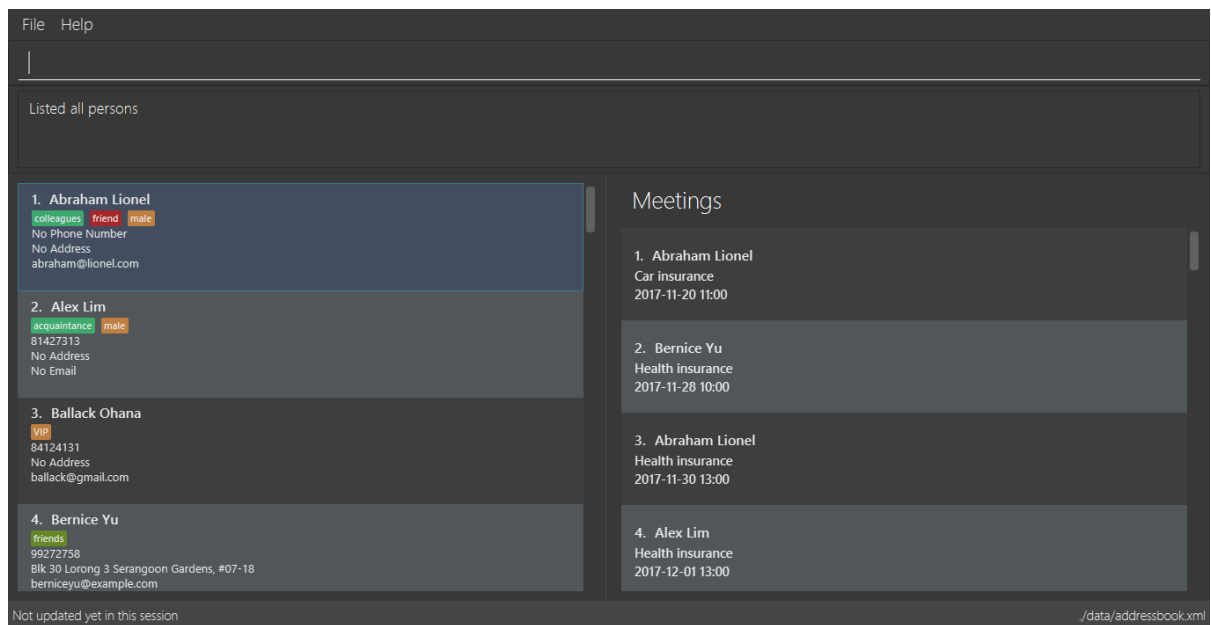


Figure 4.21.5

3. Type in **undo** and you will see an error message

>> **undo**

(See Figure 4.21.6)

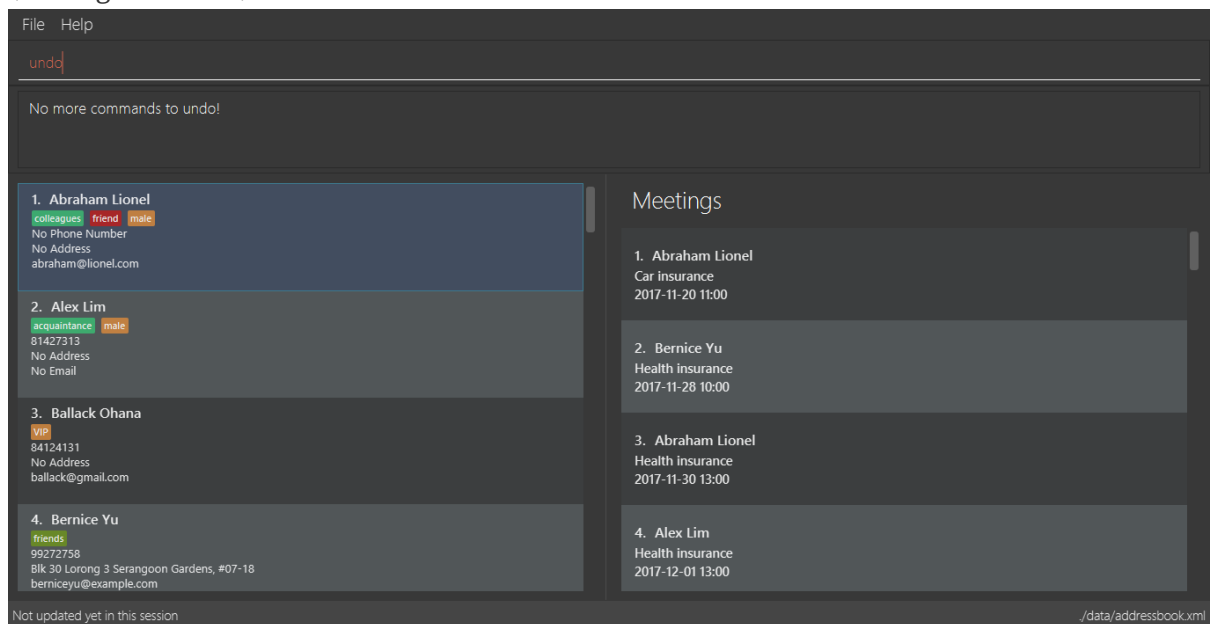


Figure 4.21.6

- Attempting to **undo** multiple commands:

1. Delete the first contact

>> **delete 1**

(See Figure 4.21.7)

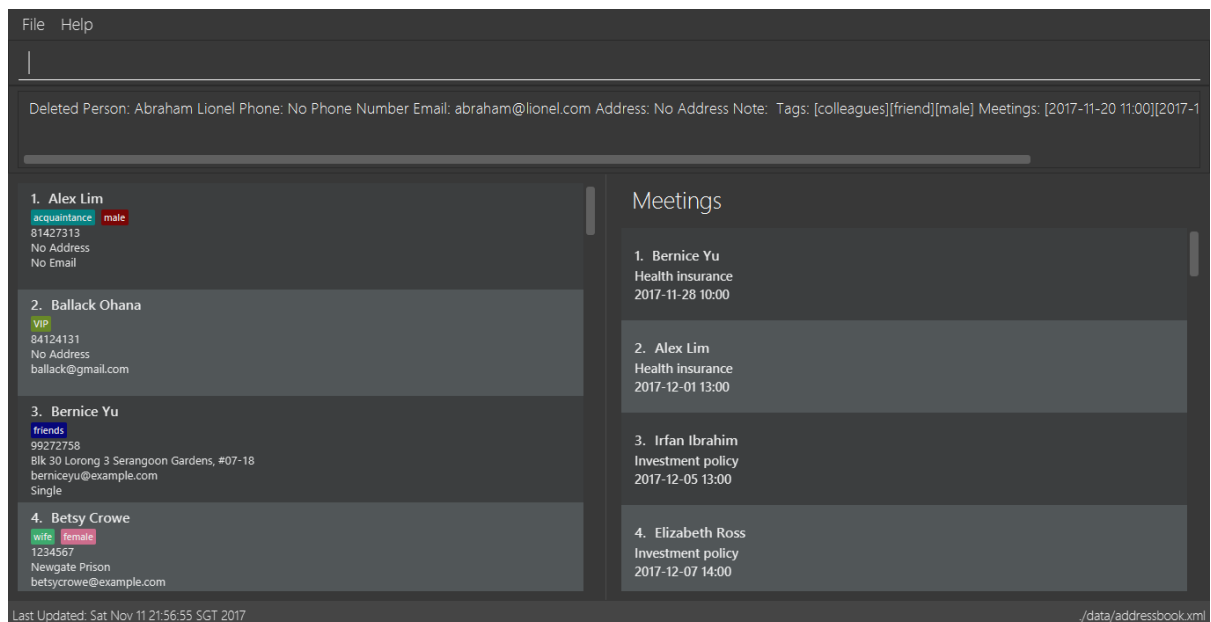


Figure 4.21.7

2. Clear out all the contacts

>> clear

(See Figure 4.21.8)

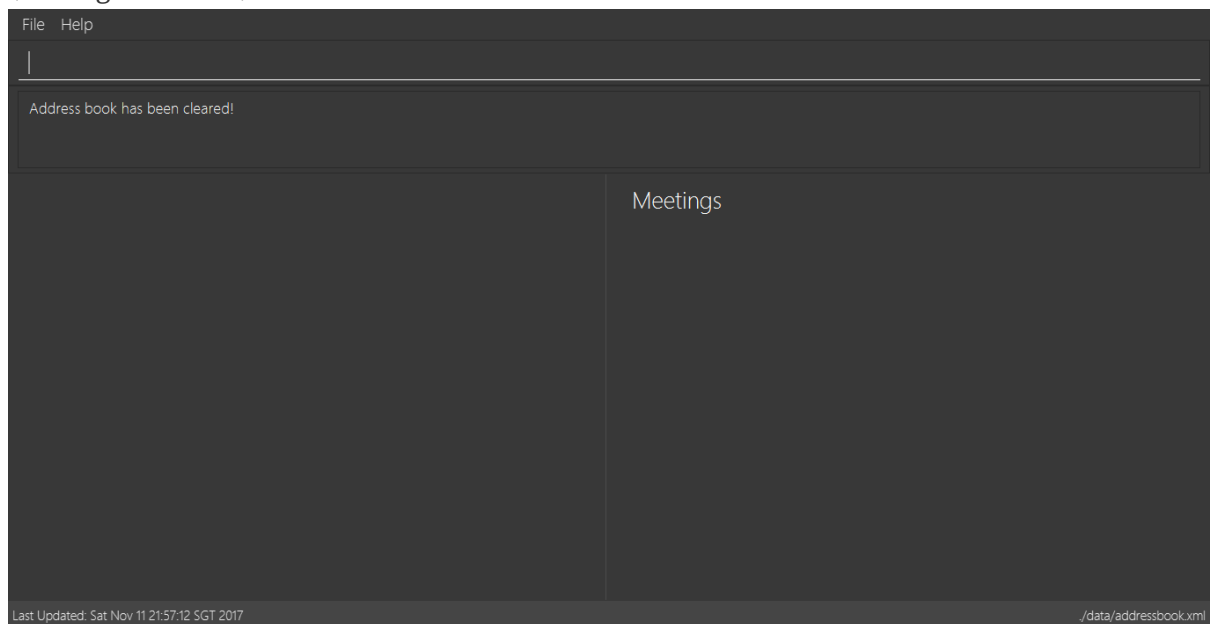


Figure 4.21.8

3. Type in the shorthand alias for undo

>> u

(See Figure 4.21.9)

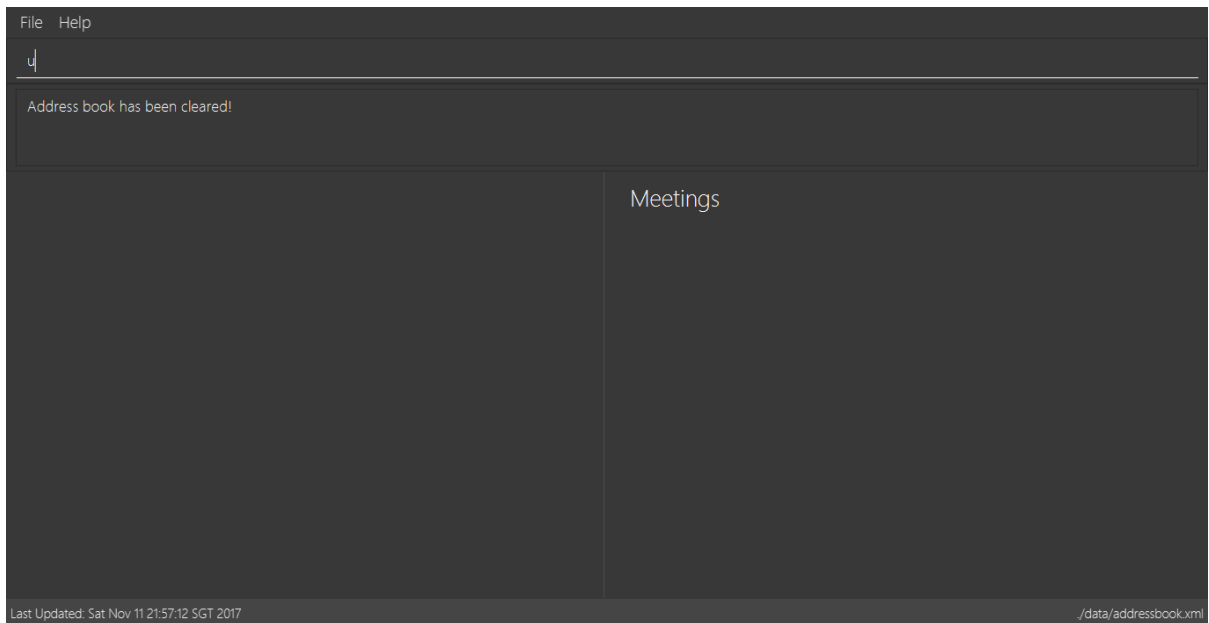


Figure 4.21.9

4. Press **Enter** and you should see that the **clear** command is reverted
(See Figure 4.21.10)

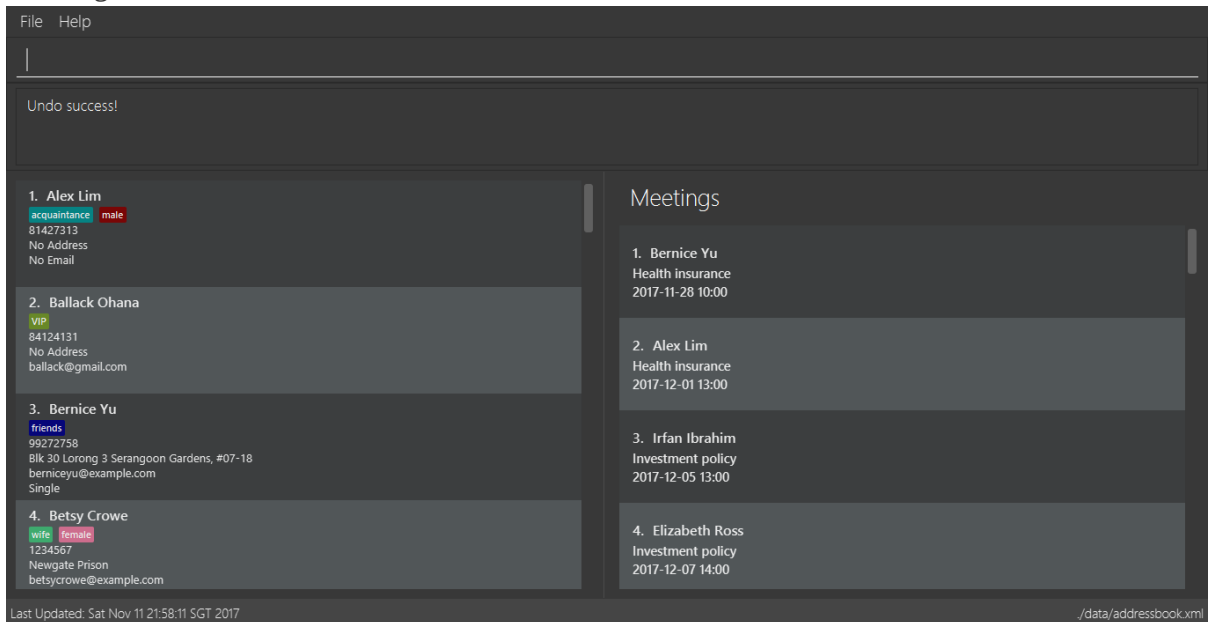


Figure 4.21.10

5. Type in **undo** and you should see that the **delete 1** command is reverted as well
>> undo
(See Figure 4.21.11)

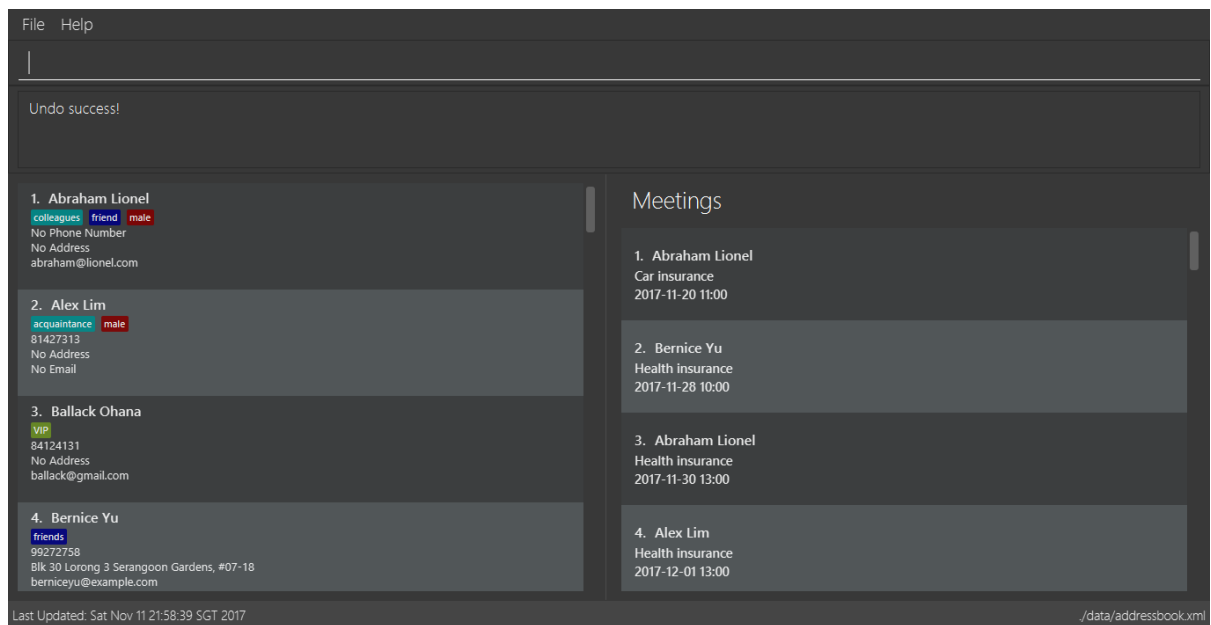


Figure 4.21.11

4.22. Redoing the previously undone command : redo

Command Name: redo

Shorthand Alias: r

Function: Reverts the most recent undo command

Format: redo

If you delete a contact and undo the delete by mistake:

1. Type in the command to delete the first contact

>> delete 1

(See Figure 4.22.1)

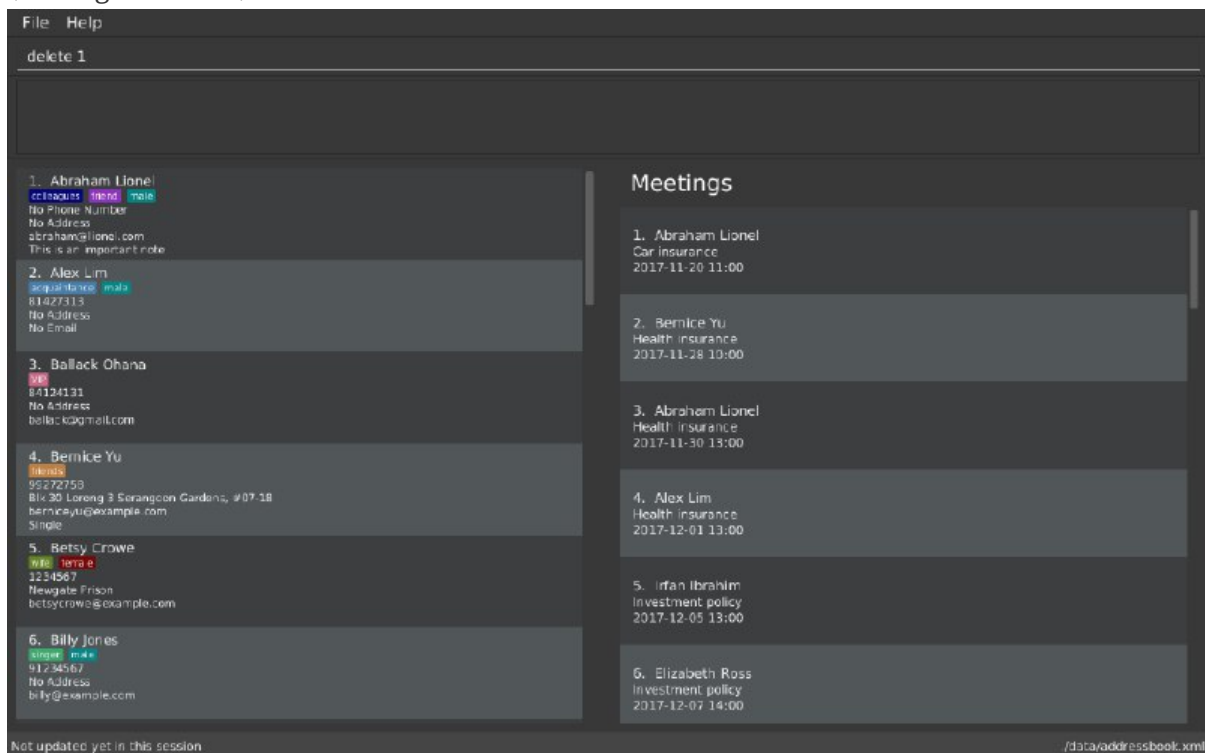


Figure 4.22.1

2. Press Enter and the contact is removed

(See Figure 4.22.2)

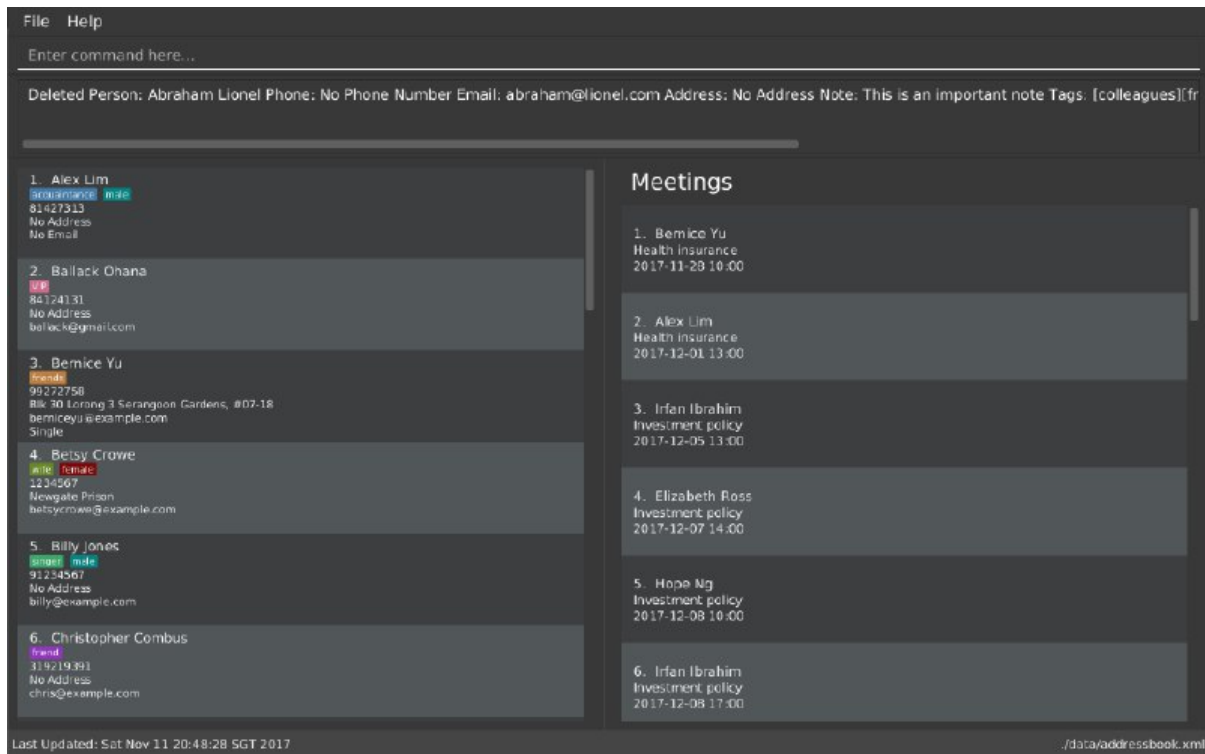


Figure 4.22.2

3. Type in `undo` by mistake

`>> undo`

(See Figure 4.22.3)

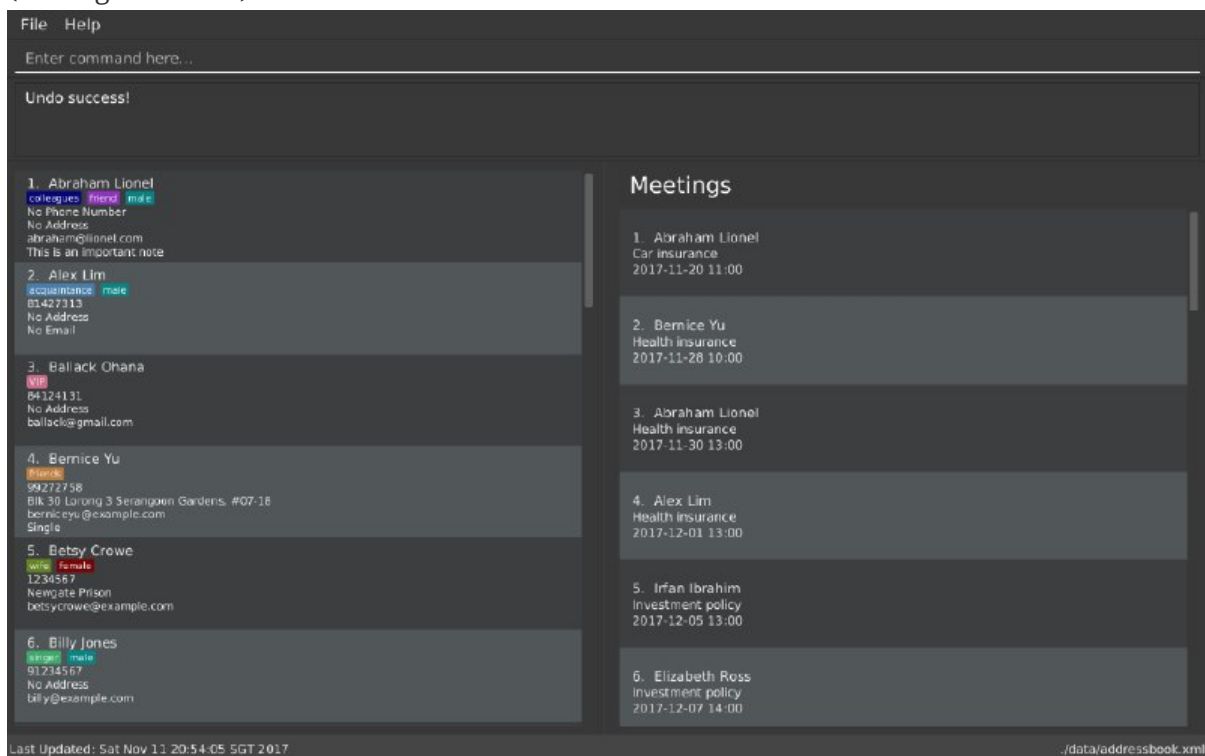


Figure 4.22.3

4. Enter the command `redo` to revert the `undo` command

`>> redo`

(See Figure 4.22.4)

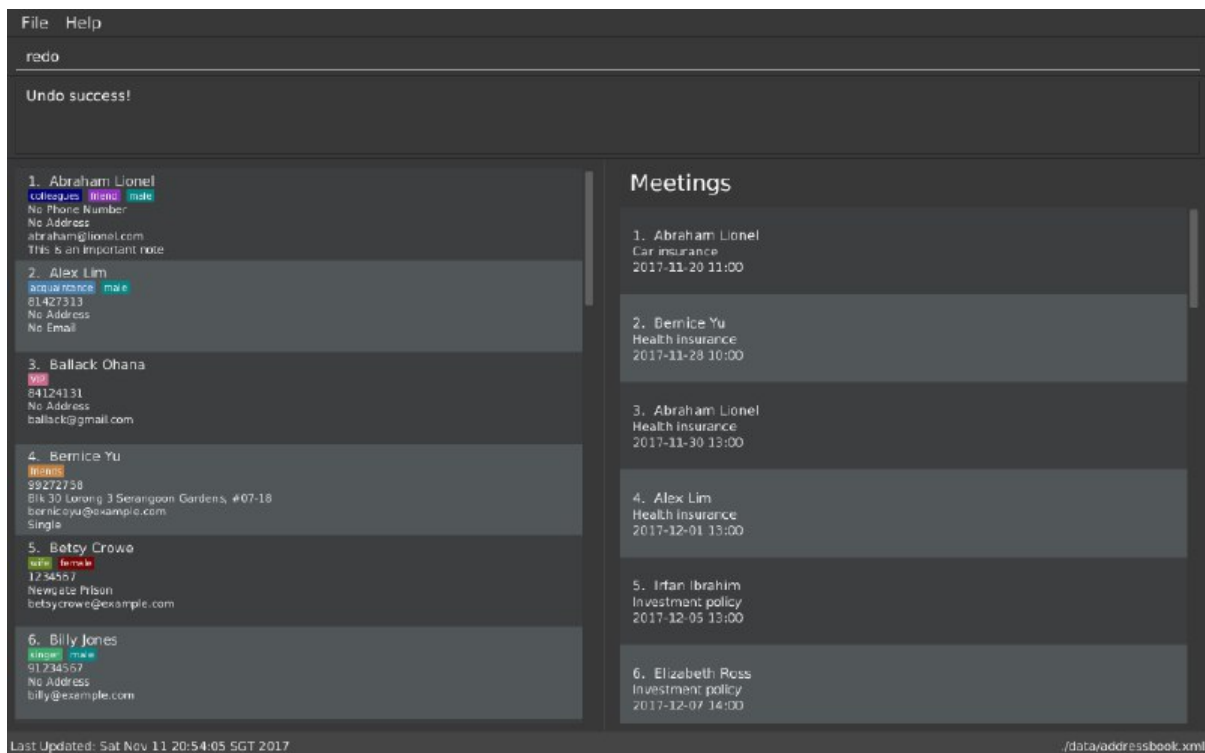


Figure 4.22.4

- Press **Enter** and you should see that the **undo** command has been reverted and the contact remains deleted
(See Figure 4.22.5)

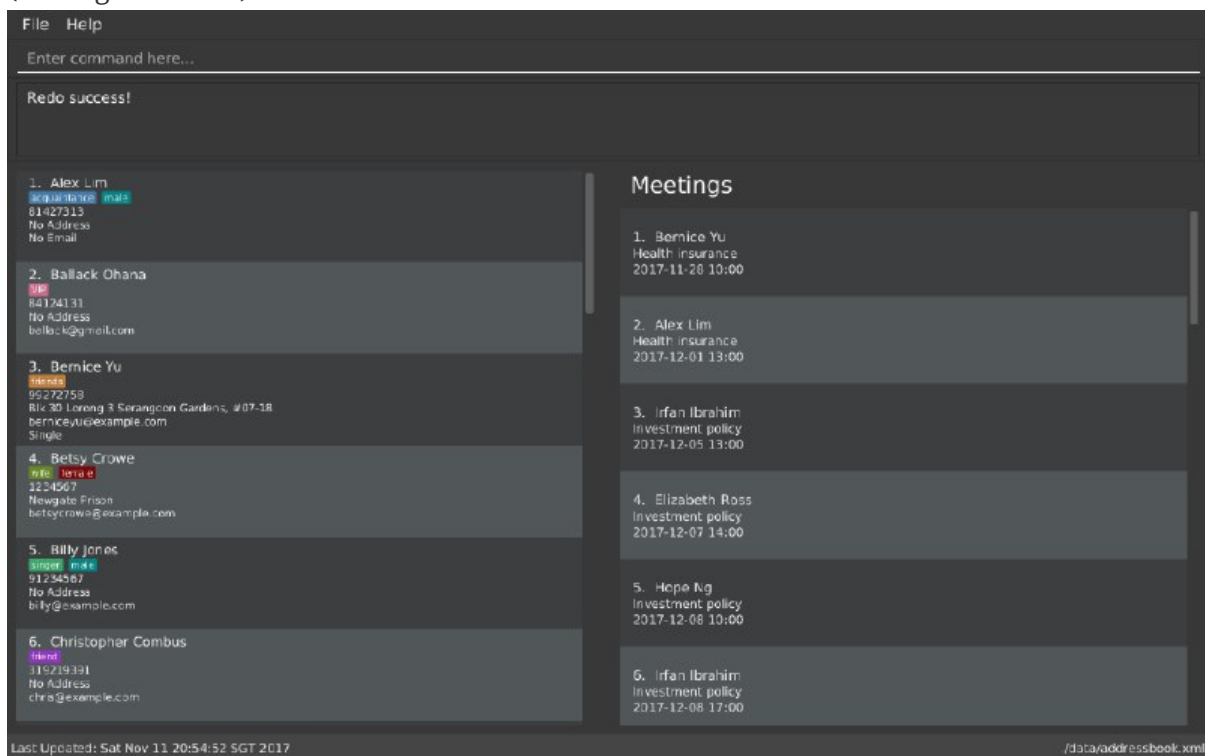


Figure 4.22.5

The following are more examples to help you better understand the **redo** command:

- Failure to **redo** as there are no **undo** commands executed previously:

- Select a contact to delete

>> delete 1

(See Figure 4.22.6)

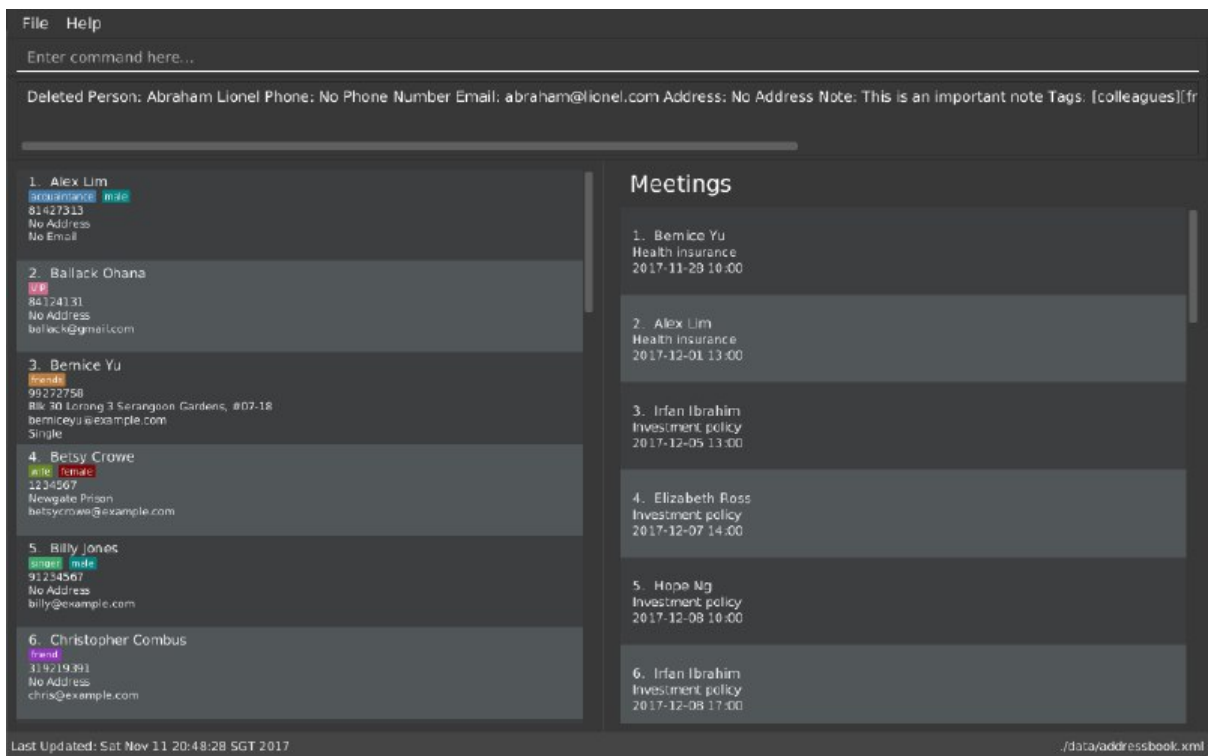


Figure 4.22.6

2. Type in the **redo** command

>> redo

(See Figure 4.22.7)

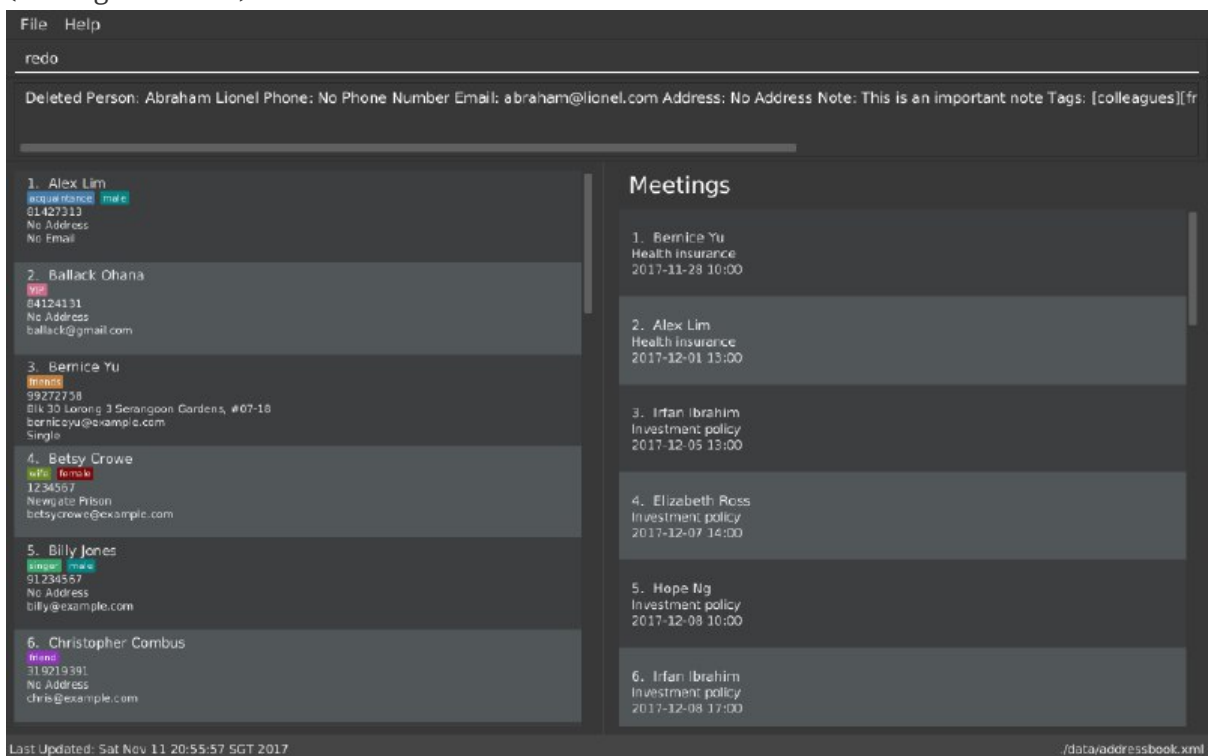


Figure 4.22.7

3. Press **Enter** and you should see an error message

(See Figure 4.22.8)

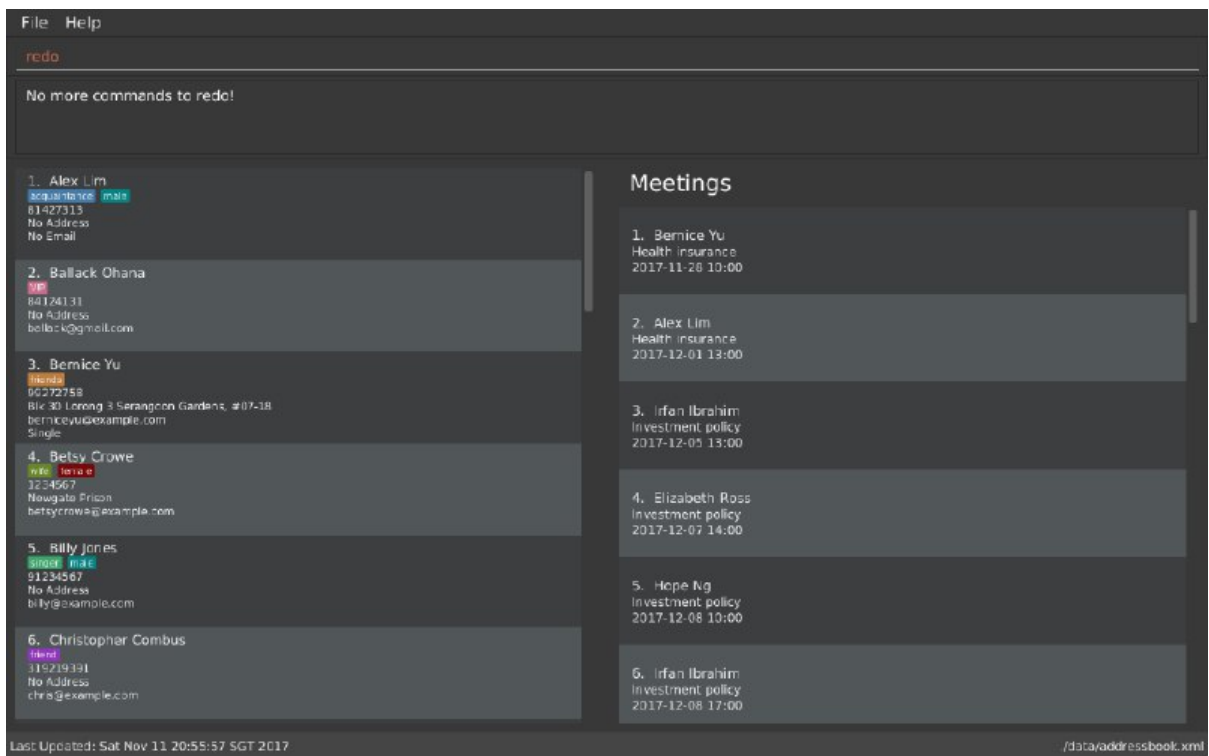


Figure 4.22.8

- Attempting to redo multiple commands:

- Select a contact to delete

>> delete 1

(See Figure 4.22.9)

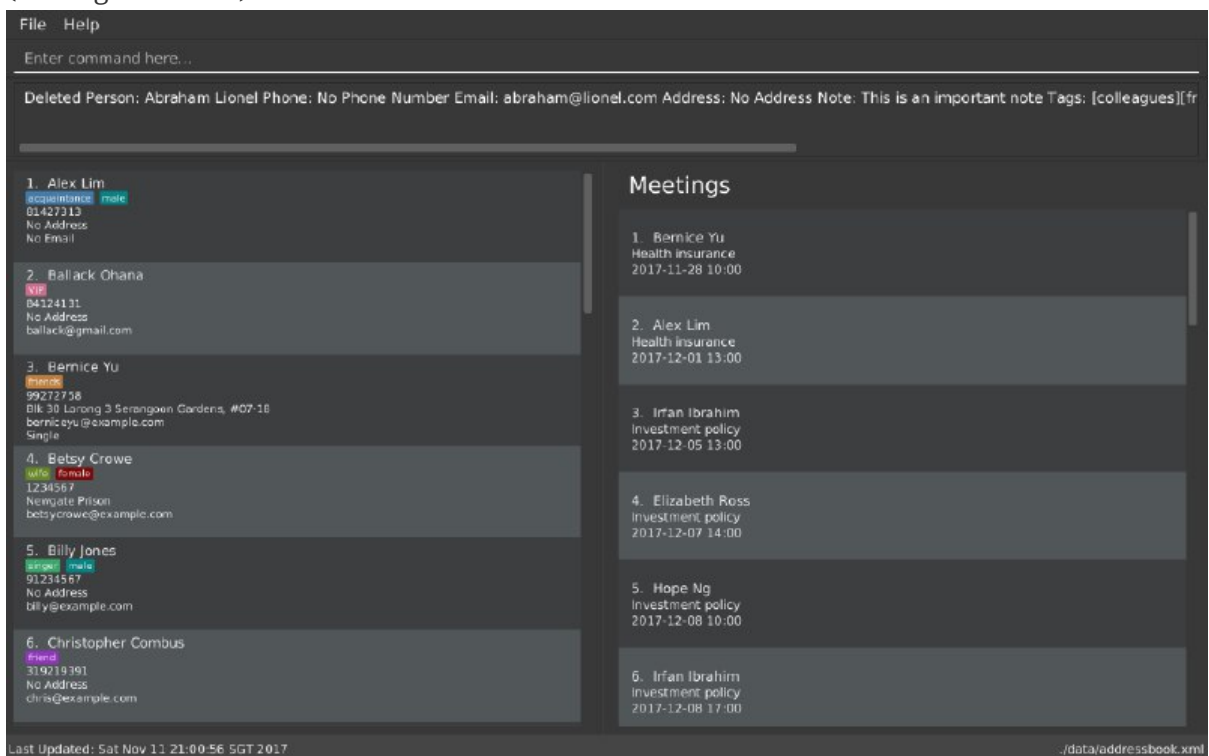


Figure 4.22.9

- Remove all the contacts by clear command

>> clear

(See Figure 4.22.10)

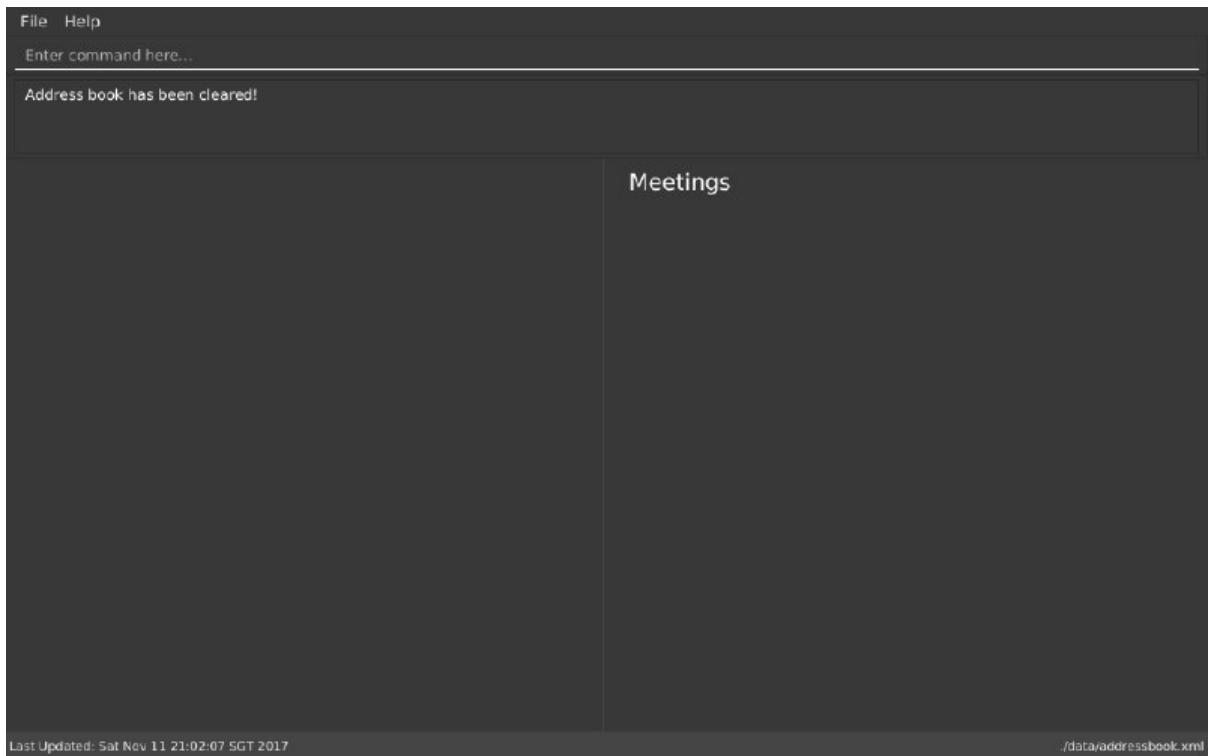


Figure 4.22.10

3. Type in `undo` to revert the `clear` command

`>> undo`

(See Figure 4.22.11)

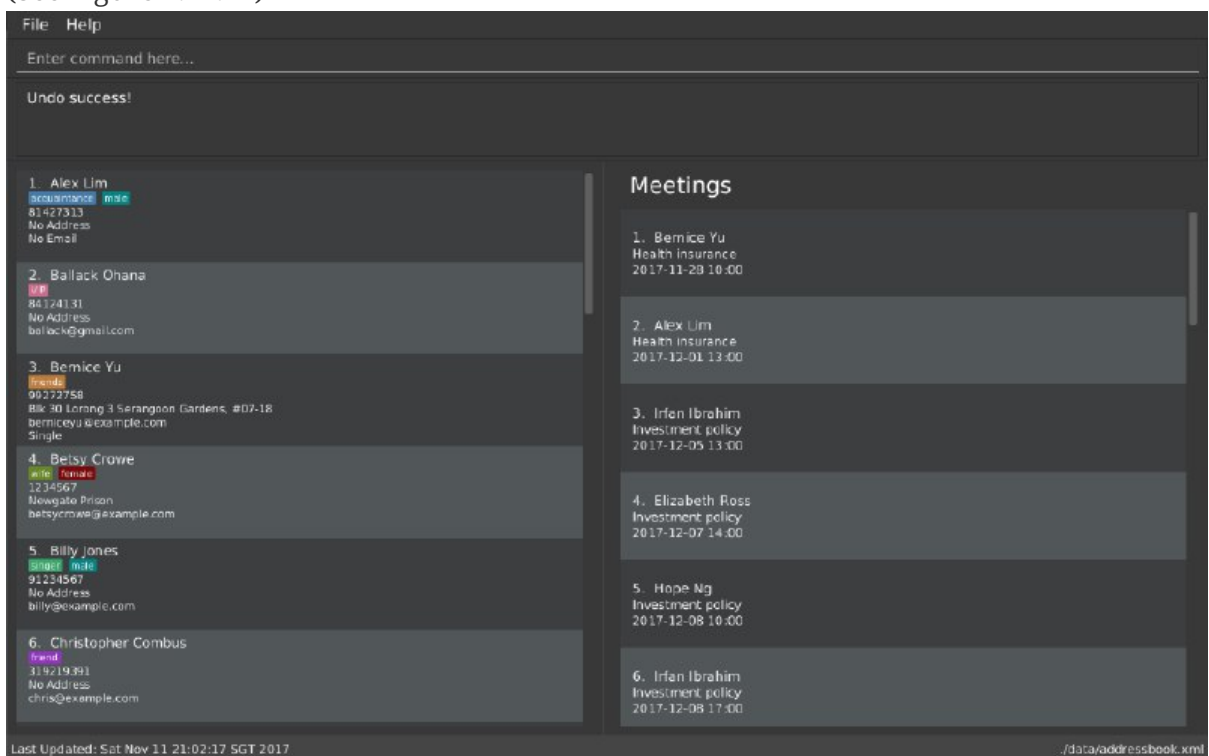


Figure 4.22.11

4. Type in `undo` to revert the `delete 1` command

`>> undo`

(See Figure 4.22.12)

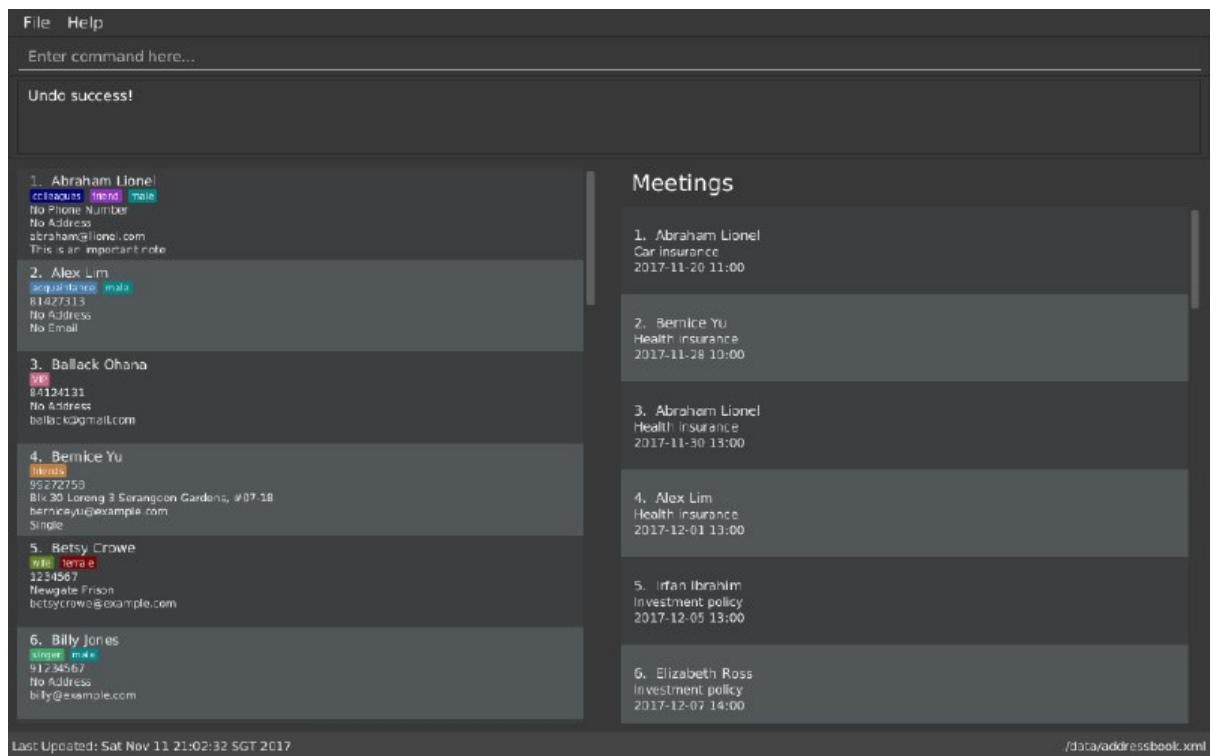


Figure 4.22.12

5. Type in **redo** to reapply the **delete 1** command

>> redo

(See Figure 4.22.13)

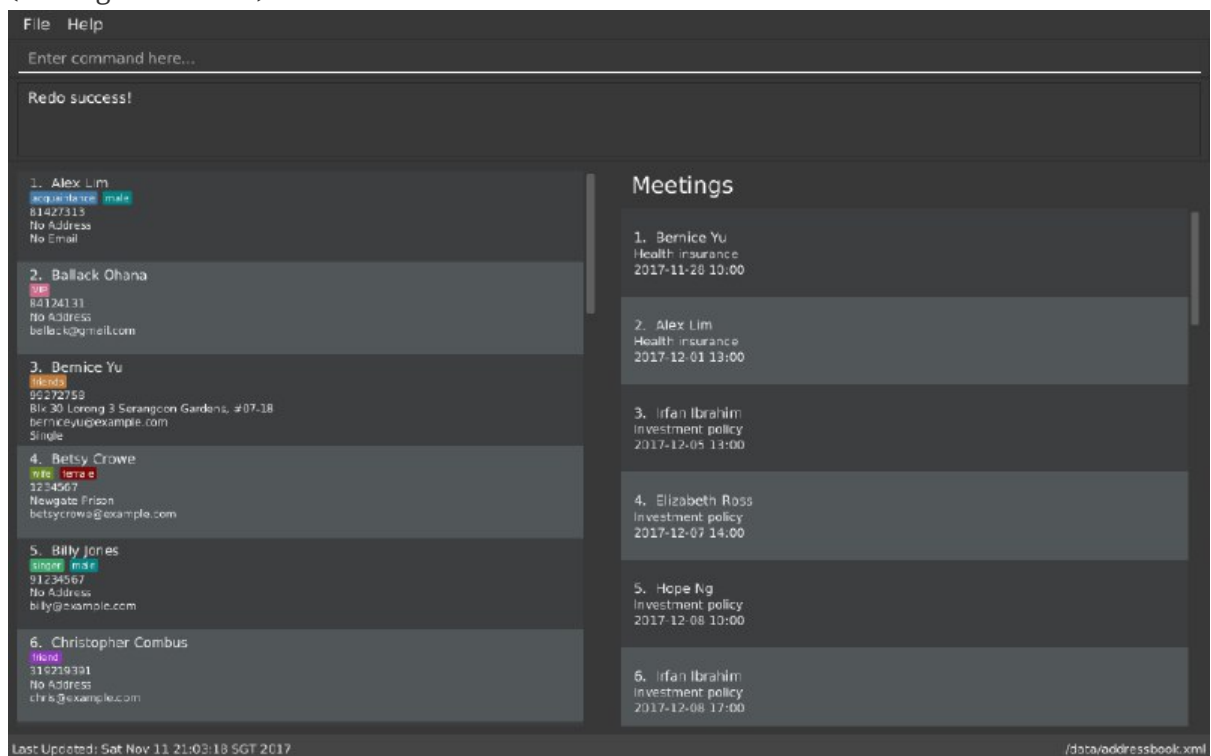


Figure 4.22.13

6. Type in **redo** to reapply the **clear** command

>> redo

(See Figure 4.22.14)

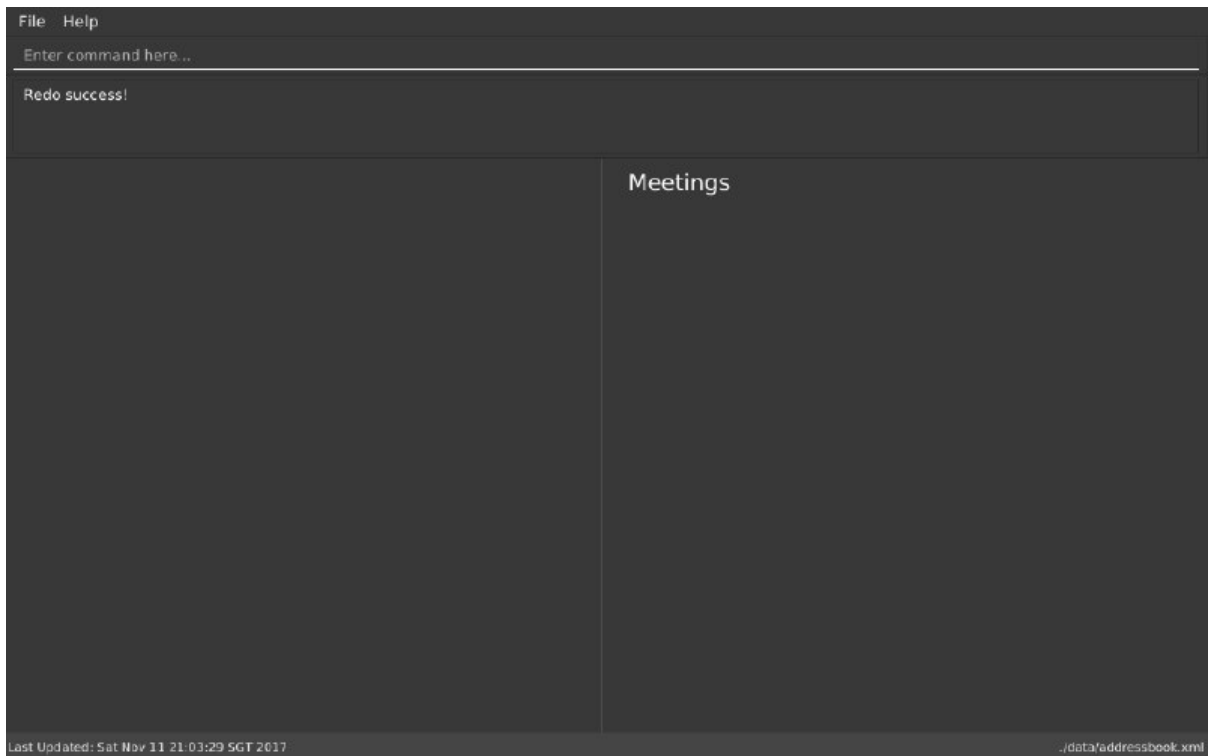


Figure 4.22.14

4.23. Resizing the main window : **resize**

Command Name: **resize**

Shorthand Alias: **rs**

Function: Resizes the main window to the specified width and height in pixels

Format: **resize** WIDTH HEIGHT

NOTE

Restriction on WIDTH and HEIGHT: $300 \leq \text{WIDTH} \leq \text{width of the screen display}$, $230 \leq \text{HEIGHT} \leq \text{height of the screen display}$

NOTE

You **CANNOT** undo a **resize** command

If you want to resize your main window to 1280 * 720:

1. Type in

```
>> resize 1280 720
```

(See Figure 4.23.1)

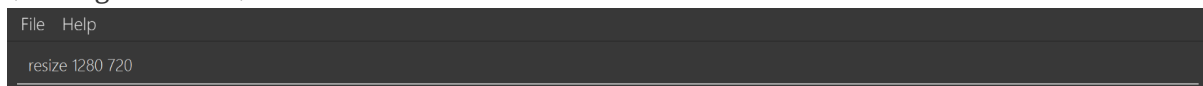


Figure 4.23.1

2. Press **Enter** and the main window will be resized to 1280 * 720

4.24. Exiting the program : **exit**

Command Name: **exit**
Shorthand Alias: **q**
Function: Exits the **ABC**
Format: **exit**

If you want to close **ABC**:

1. Type in the command.

>> exit

(See Figure 4.24.1)

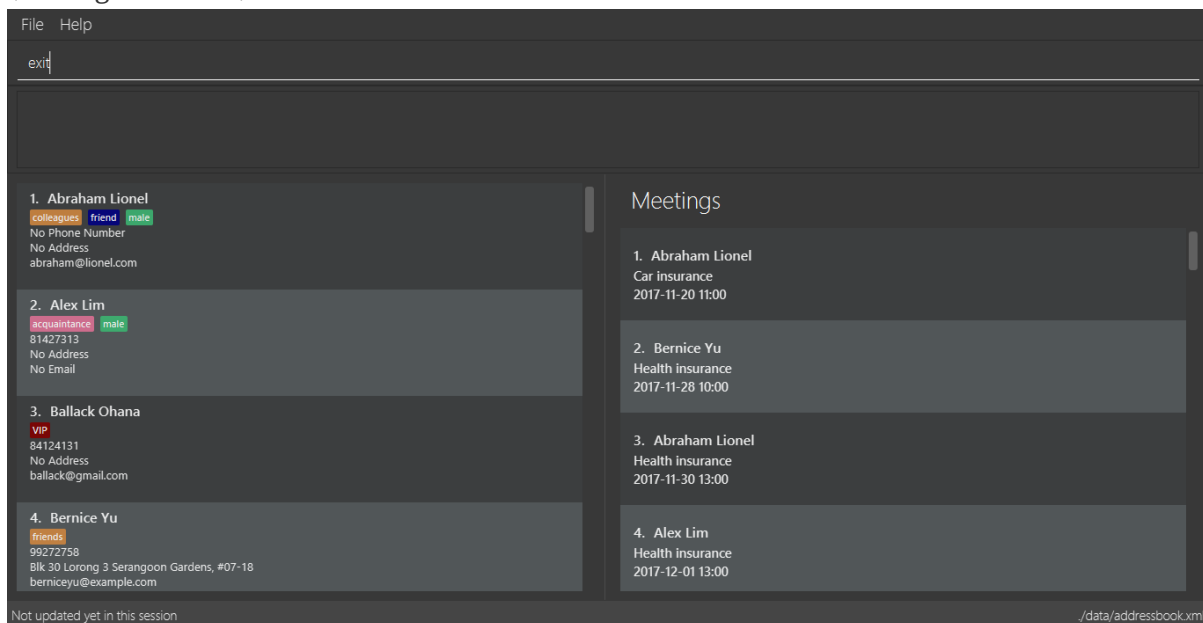


Figure 4.24.1

2. Press **Enter** and you will see that **ABC** is closed.

4.25. Saving the data

ABC data is saved in the hard disk automatically after any command that changes the data. There is no need to save manually.

5. Changelog

The changelog contains features and improvements added in different major updates of **ABC**.

5.1. Version 1.5

- Smarter Auto-Completion
- Adding and deleting of meetings
- Find now works on all fields
- Synchronisation now checks if Google Contacts are valid
- Restore now includes meetings
- Reworking of commands to handle meetings correctly

5.2. Version 1.4

- Display meetings in UI
- Auto-Completion
- Sorting of contacts
- Google People API Synchronization

5.3. Version 1.3

- Add a person without all his/her parameters
- Confirmation for restoring a backup
- Wildcard * for searching of contacts
- Meetings

5.4. Version 1.2

- Adding and deleting of tags
- Resize window size
- Restore to a backup
- Synchronise with Google Contacts

6. Coming in Version 2.0

- Access a contact's Facebook profile
- Get direction to a contact's address
- Upload pictures
- Theme and plugin manager
- Add and view Favourites
- Email contacts directly in ABC
- Colour coded meetings based on time left until meeting
- Specify path for backup copies
- Update Auto-Completion after **restore** command
- Auto-Completion ranks suggestions based on usage
- A more powerful **find** command
- Filter meetings by month or year

7. FAQ

Q: How do I transfer my data to another Computer?

A: Install the app in the other computer and overwrite the empty data file it creates with the file that contains the data of your previous **ABC** folder.

Q: I can't sync my contacts with my Google contacts!

A: Make sure you have a default browser enabled as attempting to sync your data will open up a new window in your default browser.

Q: I have a question that isn't answered here. How do I get further support?

A: You can contact us by [email](mailto:cs2103tw13b3@gmail.com) (cs2103tw13b3@gmail.com)

8. Command Summary/ Cheatsheet

Command	Aliases	Format
Add	a	add n/NAME [p/PHONE_NUMBER] [e/EMAIL] [a/ADDRESS] [t/TAG]...
Add Meeting	am	addmeeting INDEX MEETING_NAME/MEETING_TIME
Add Tag	at	addtag INDEX TAG
Backup	b	backup
Clear	c	clear
Delete	d	delete INDEX
Delete Meeting	dm	deletemeeting INDEX
Delete Tag	dt	deletetag INDEX TAGNAME
Edit	e	edit INDEX [n/NAME] [p/PHONE_NUMBER] [e/EMAIL] [a/ADDRESS] [t/TAG]...
Exit	q	exit
Find	f	find [n/KEYWORD...] [p/KEYWORD...] [e/KEYWORD...] [a/KEYWORD...] [t/KEYWORD...]
Help	hp	help
History	hx	history
List	l	list
Login	li	login
Logout	lo	logout
Note	n	note INDEX NOTE
Redo	r	redo
Resize	rs	resize WIDTH HEIGHT
Restore Backup	rb	restore
Select	sl	select INDEX
Sort	s	sort FIELD
Synchronise with Google Contacts	sy	sync
Undo	u	undo