

Console Assisnant

ver. 1.0.0

GoIT, Team-9

1 Console Assistant

Console Assistant is a `python 3.x`-based command-line program that allows you to manage your contacts and notes.

The assistant saves contacts and notes to the folder of the current user. For example, in Windows is a folder `C:\Users\<Usaer>\` with names

- `contacts.bin`
 - `notes.bin`
- respectively.

1.1 Install and Run Assistant

- Clone repository `https://github.com/sergiokapone/project-team-9_console_helper.git`
- Create virtual environment in folder contains `setup.py`
- Type `activate.cmd` in command line.
- To install a module in a virtual environment, type the `install.cmd` in console.
- To start the assistant, type `assistant` in console.

1.2 Commands

1.2.1 Hello and welcome commands

- `help`: Displays a list of available commands and their descriptions.
- `hello`: Greets the user.
- `good bye`, `close`, `exit`: Exits the program with saving data.
- `.` exits the program without messages with saving data.
- `*` exits the program without messages without saving data.

1.2.2 Manage contacts commands

- `add contact`: Add a contact to the address book.
- `set phone`: Allows the user to set their phone number.
- `remove phone`: Removes the user phone number.
- `set email`: Allows the user to set their email address.
- `remove email`: Removes the user email.
- `set address`: Allows the user to set their address.
- `remove address`: Removes the user address.

- **set birthday:** Allows the user to set their birthday.
- **upcoming birthdays:** Shows the list of upcoming birthdays.
- **show contacts:** Shows the list of saved contacts.
- **show contact:** Shows the details of a specific contact.
- **search contact:** Searches for a specific contact by name.
- **remove contact:** Removes a contact from the list.
- **save:** save contacts to file.
- **load:** load contacts from file.

1.2.3 Sorting Folder

- **sort folder:** Sort folder.

1.2.4 Manage notes commands

- **add note:** Adds a note.
- **show notes:** Shows the list of saved notes.
- **search notes:** Searches for a specific note by title or date.
- **remove note:** Removes a note from the list.
- **save notes:** Saves the notes to a file.
- **load notes:** Loads the notes from a file.
- **change note:** Edit note by index.
- **remove tag:** Removes Tag for specified note index.

1.3 Usage Examples

1.3.1 Sort folder

- `>>> sort folder D:\MyGarbage\` — sort files in folder D:\MyGarbage\

1.3.2 Manage contacts

To manage contacts in your address book, You can type commands by following examples:

- `>>> show contacts` — shows table of contacts in address book.
- `>>> show contacts 3` displaying contacts in chunks of 3 items, 20 is by default
- `>>> add contact Username` — add empty contact Username to the address book.
- `>>> add contact Someone 03.05.1995 his_mail@i.ua` — add contact Someone to the address book with date of birthday 03.05.1995 and email his_mail@i.ua.
- `>>> set phone Username 0935841245` — add phone¹ to contact Username in address book.
- `>>> set birthday Username 12.12.1978` — add birthday² to contact Username in address book.
- `>>> set email my_name@gmail.com` — add email³ my_name@gmail.com to contact Username in address book.
- `>>> upcoming birthdays 5` — shows contacts with upcoming birthdays within 5 days.
- `>>> show contact Username` — show contact Username information.
- `>>> search contact SearchQuery` — where SearchQuery some word or number for searching.

¹If the contact is missing, it will be added automatically

²If the contact is missing, it will be added automatically

³If the contact is missing, it will be added automatically

- >>> remove contact Username — remove contact Username
- >>> remove phone Username 1 — remove user phone by index 1.
- >>> remove email Username 2 — remove user email by index 2.

1.3.3 Manage notes

To manage contacts in your address book, You can type commands by following examples:

- >>> show notes — just show all notes.
- >>> show notes Rec — show all notes with tag Rec.
- >>> show notes 3 — displaying notes in chunks of 3 items.
- >>> add note Tag Text of your note — add note with Tag⁴ and text Text of your note.
- >>> add tag 1 Mytag — add tag Mytag⁵ to note with index 1.
- >>> remove tag 4 Tag — removes Tag for note with index 4.
- >>> change note 1 New text — change note 1 with New text.
- >>> remove note 2 — remove note with index 2.

1.3.4 Exit program

To exit the program just type following commands good bye, close or exit. Another possibility to exit without any messages is typing ..

After executing the specified commands, the application will save your data automatically. Upon subsequent program entry, the data will be loaded automatically. But if you type * the application exit without saving your data.

⁴When creating a note, you can assign only one single-word tag. You can add subsequent tags with add tag command.

⁵Tag cannot be a number.