1. Develop a phonebook management application.

It should contain the following features:

- for every person you should keep him/her name, address, email, and phone number (a person can have multiple phone numbers)
- adding functionality which add a new person in the phonebook.
- Updating functionality which will update or edit any existing person in the phonebook.
- Deleting functionality which will delete any existing person from the phonebook.
- Display functionality which will display all the entries from the phonebook.
- Searching functionality which will be used for searching a particular person's information from the phonebook if exits otherwise display "not found" and asked for adding a new entry.
- Finally, it should have a store functionality to store all the entries in the phonebook into a text file if user wants for maintaining a physical copy in the hard drive.

As this application would be a console based, so first display a menu containing all the available options of the application, and then user will decide what he wants to do. User can exit from the application when he pressed "quit".

2. Develop a to-do list application.

It should contain the following features:

- Each to-do item should have the information like to-do item description, date, and place. For example, you have a birthday invitation (i.e. description) on 22 September 2022 (date) at KFC Banani branch (place).
- adding functionality to add a new upcoming to-do in the to-do list.
- Updating functionality to update an existing to-do item in the list if necessary.
- Deleting functionality to delete a to-do item form the existing to-do list.
- Display functionality to display all the upcoming to-do items from the to-do list.
- Checking functionality to display the immediate next to-do item form the existing list. If in that day, there are more than one to-do items then it will display all the to-dos for that day.
- Conflicting functionality to check whether it has any to-do which is conflicting with other to-do item in the list such as same day and time. In that case you should delete or update the to-do item so that no collision exists in the to-do list.
- Finally, it should have a store functionality to store all the to-do items in the list into a text file if user wants for maintaining a physical copy in the hard drive.

As this application would be a console based, so first display a menu containing all the available options of the application, and then user will decide what he wants to do. User can exit from the application when he pressed "quit".

3. Develop a dictionary application for Python reserved keyword.

It should contain the following features:

- Each keywork should have the information like name of the keyword, description of the keyword, and sample code for the keyword.
- adding functionality to add a new keyword in the dictionary.
- Updating functionality to update an existing keyword in the dictionary.
- Deleting functionality to delete a keyword from the dictionary.
- Display functionality to display all the keyword in the dictionary.
- Search functionality to search for a particular keywork from the dictionary and display the contents. If the keyword is not present in the dictionary and prompt user to add the new keywork in the dictionary.
- Finally, it should have a store functionality to store all the keywork in the dictionary into a text file if user wants for maintaining a physical copy in the hard drive.

As this application would be a console based, so first display a menu containing all the available options of the application, and then user will decide what he wants to do. User can exit from the application when he pressed "quit".

NB: Write and organize your code by following best practices approach.