Roll no: 81 and 111

Problem Statement:

The phonebook of a mobile phone contains the name and the phone numbers of the contacts that has been saved on it. The names are arranged in an alphabetical order for easy access. Write a modular C-program to implement the phonebook. Data must be stored in the memory, so that it is available for further references.  
      
           The phonebook application must be capable of performing the following applications:

1. Insert a new contact: To create a new contact if the name does not match with the names of the phonebook else provide an option to replace the existing number or provide an alternate name.

2. To modify the phone number of a person based on their name, if the name matches to names in the contact list.

3. To search a particular contact from the phonebook based on a person's name.

4. To delete all information about a contact, if their name matches.

5. To display all the contacts in the phonebook in alphabetical order.