## Task 2: Contact Management System

**About the Contact Management System Program:**

This program is a simple contact management system implemented in Python. It allows users to perform various operations such as adding contacts, viewing contacts, searching for contacts by name or phone number, updating contact information, and deleting contacts.

**Functionality:**

1. Adding a Contact:

   Users can add a new contact by providing details such as name, phone number, email, and address.

2. Viewing Contacts:

   Users can view all contacts stored in the system.

3. Searching for Contacts:

   Users can search for contacts by entering either the name or phone number. The system displays matching contacts, if any.

4. Updating a Contact:

   Users can update an existing contact's information by specifying the old name and providing new details such as name, phone number, email, and address.

5. Deleting a Contact:

   Users can delete a contact by entering the name of the contact they wish to remove from the system.

6. Exiting the Program:

   Users can choose to exit the contact management system, terminating the program.

**Sample Output:**

Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 1

Enter name: John Doe

Enter phone number: 1234567890

Enter email: john@example.com

Enter address: 123 Main St

Contact added: John Doe


Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 2

Contact List

Name: John Doe

Phone: 1234567890

Email: john@example.com

Address: 123 Main St


Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 3

Enter name or phone number to search: John

Search Results

Name: John Doe

Phone: 1234567890

Email: john@example.com

Address: 123 Main St


Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 4

Enter the name of the contact to update: John Doe

Enter the new name: Jane Doe

Enter the new phone number: 9876543210

Enter the new email: jane@example.com

Enter the new address: 456 Elm St

Contact updated: Jane Doe


Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 5

Enter the name of the contact to delete: Jane Doe

Contact deleted: Jane Doe


Contact Management System

1. Add Contact

2. View Contacts

3. Search Contact

4. Update Contact

5. Delete Contact

6. Exit

Enter your choice (16): 6

Exiting Contact Management System. Thanks!

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