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#CONTACT BOOK PROGRAM
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##### Simple Contact Management System in Python
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contacts = []
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def add_contact():
    name = input("Enter name: ")
    phone = input("Enter phone number: ")
    email = input("Enter email: ")
    address = input("Enter address: ")
    contacts.append({
        "name": name,
        "phone": phone,
        "email": email,
        "address": address
    })
    print("Contact added successfully!\n")

def view_contacts():
    if not contacts:
        print("No contacts found.\n")
        return
    print("\nContact List:")
    for i, contact in enumerate(contacts, 1):
        print(f"{i}. {contact['name']} - {contact['phone']}")
    print()

def search_contact():
    keyword = input("Enter name or phone number to search: ").lower()
    found = False
    for contact in contacts:
        if keyword in contact['name'].lower() or keyword in
contact['phone']:
            print(f"\nName: {contact['name']}")
            print(f"Phone: {contact['phone']}")
            print(f>Email: {contact['email']}")
            print(f>Address: {contact['address']}\n")
            found = True
    if not found:
        print("No matching contact found.\n")

def update_contact():
    name = input("Enter the name of the contact to update: ").lower()
    for contact in contacts:
        if contact['name'].lower() == name:
            contact['phone'] = input("Enter new phone number: ")
            contact['email'] = input("Enter new email: ")
            contact['address'] = input("Enter new address: ")
            print("Contact updated successfully!\n")
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        return
    print("Contact not found.\n")

def delete_contact():
    name = input("Enter the name of the contact to delete: ").lower()
    for contact in contacts:
        if contact['name'].lower() == name:
            contacts.remove(contact)
            print("Contact deleted successfully!\n")
            return
    print("Contact not found.\n")

def main():
    while True:
        print("=== Contact Management System ===")
        print("1. Add Contact")
        print("2. View Contacts")
        print("3. Search Contact")
        print("4. Update Contact")
        print("5. Delete Contact")
        print("6. Exit")
        choice = input("Choose an option: ")

        if choice == '1':
            add_contact()
        elif choice == '2':
            view_contacts()
        elif choice == '3':
            search_contact()
        elif choice == '4':
            update_contact()
        elif choice == '5':
            delete_contact()
        elif choice == '6':
            print("Exiting... Goodbye!")
            break
        else:
            print("Invalid choice. Please try again.\n")

if __name__ == "__main__":
    main()

```

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 1
Enter name: Aditya
Enter phone number: 8830292797
Enter email: aditya@gmail.com
Enter address: Kedgaon

Contact added successfully!

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 2

Contact List:

1. Aditya - 8830292797

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 3

Enter name or phone number to search: Aditya

Name: Aditya
Phone: 8830292797
Email: aditya@gmail.com
Address: Kedgaon

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 4

Enter the name of the contact to update: Aditya
Enter new phone number: 3434343434

Enter new email: akd@gmail.com

Enter new address: Nagar

Contact updated successfully!

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 5

Enter the name of the contact to delete: Aditya

Contact deleted successfully!

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 2

No contacts found.

=== Contact Management System ===

1. Add Contact
2. View Contacts
3. Search Contact
4. Update Contact
5. Delete Contact
6. Exit

Choose an option: 6

Exiting... Goodbye!