

```
contacts = []
```

```
def add_contact():
```

```
    name = input("Enter the contact's name: ")
```

```
    phone_number = input("Enter the contact's phone number: ")
```

```
    email = input("Enter the contact's email: ")
```

```
    address = input("Enter the contact's address: ")
```

```
    contact = {"name": name, "phone_number": phone_number, "email": email, "address": address}
```

```
contacts.append(contact)
```

```
print(f"Contact '{name}' added!")
```

```
def view_contact_list():
```

```
    print("\nContact List:")
```

```
    for i, contact in enumerate(contacts,  
start=1):
```

```
        print(f"{i}. {contact['name']} -  
{contact['phone_number']}")
```

```
def search_contact():
```

```
search_term = input("Enter the name or  
phone number to search: ")
```

```
found_contacts = [contact for contact in  
contacts if search_term in contact["name"]  
or search_term in  
contact["phone_number"]]
```

```
if found_contacts:
```

```
    print("\nSearch Results:")
```

```
    for i, contact in  
enumerate(found_contacts, start=1):
```

```
        print(f"{i}. {contact['name']} -  
{contact['phone_number']}")
```

```
else:
```

```
    print("No contacts found!")
```

```
def update_contact():  
  
    view_contact_list()  
  
    contact_num = int(input("Enter the  
contact number to update: ")) - 1  
  
    if contact_num < len(contacts):  
  
        contact = contacts[contact_num]  
  
        print(f"Updating contact  
{contact['name']}'...")  
  
        contact["name"] = input("Enter the new  
name: ")  
  
        contact["phone_number"] =
```

```
input("Enter the new phone number: ")
```

```
    contact["email"] = input("Enter the new  
email: ")
```

```
    contact["address"] = input("Enter the  
new address: ")
```

```
    print(f"Contact '{contact['name']}'  
updated!")
```

```
else:
```

```
    print("Invalid contact number!")
```

```
def delete_contact():
```

```
    view_contact_list()
```

```
contact_num = int(input("Enter the  
contact number to delete: ")) - 1
```

```
if contact_num < len(contacts):
```

```
    del contacts[contact_num]
```

```
    print("Contact deleted!")
```

```
else:
```

```
    print("Invalid contact number!")
```

```
def main():
```

```
    while True:
```

```
        print("\nContact Information  
Management System")
```

```
print("1. Add Contact")
```

```
print("2. View Contact List")
```

```
print("3. Search Contact")
```

```
print("4. Update Contact")
```

```
print("5. Delete Contact")
```

```
print("6. Quit")
```

```
choice = input("Enter your choice: ")
```

```
if choice == "1":
```

```
    add_contact()
```

```
elif choice == "2":
```

```
view_contact_list()
```

```
elif choice == "3":
```

```
    search_contact()
```

```
elif choice == "4":
```

```
    update_contact()
```

```
elif choice == "5":
```

```
    delete_contact()
```

```
elif choice == "6":
```

```
    break
```

```
else:
```

```
    print("Invalid choice. Please try
```



again!")

```
if __name__ == "__main__":
```

```
    main()
```