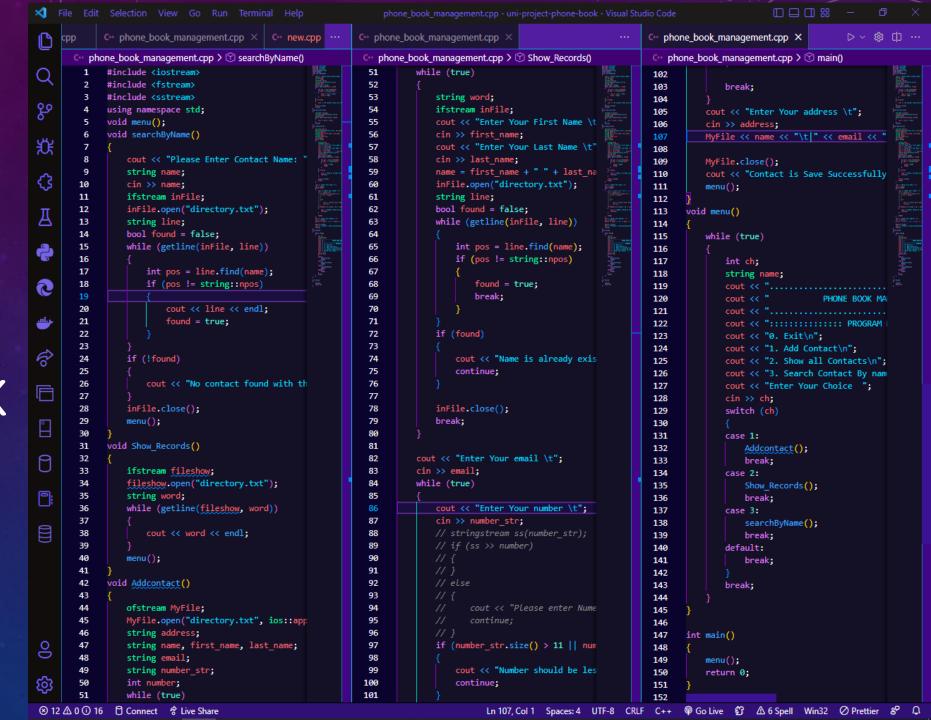


THIS IS FULL CODE OF PHONE BOOK PROJECT



FRONT-END MENU

First Name
Last Name
E-mail
Number
Address

```
PHONE BOOK MANAGEMENT
      ::::::: PROGRAM MENU :::::::::
Exit
1. Add Contact
Show all Contacts
Search Contact By name
Enter Your Choice 1
                       ali
Enter Your First Name
Enter Your Last Name
                       hassan
Enter Your email
                       alihassan@gmail.com
Enter Your number
                       03128725200
Enter Your address
                       twkal twon colony multan
Contact is Save Successfully!
```

Chose 1st option in which add contact

BACK-END CODE OF MANU BAR

```
112
113
     void menu()
114
         while (true)
115
116
             int ch;
117
118
             string name;
             cout << "....\n";
119
                        PHONE BOOK MANAGEMENT\n";
120
121
             cout << "::::::::::::\n";</pre>
122
             cout << "0. Exit\n";</pre>
123
             cout << "1. Add Contact\n";</pre>
124
125
             cout << "2. Show all Contacts\n";</pre>
126
             cout << "3. Search Contact By name\n";</pre>
127
             cout << "Enter Your Choice ";</pre>
128
             cin >> ch;
             switch (ch)
129
130
131
             case 1:
                Addcontact();
132
                break;
133
             case 2:
134
                Show_Records();
135
                break;
136
137
             case 3:
138
                searchByName();
                break:
139
             default:
140
141
                break;
142
143
             break;
144
145
```

SHOW ALL CONTACTS

Show all data and loop is again work in the menu form

3. Search Contact By name

Enter Your Choice

PHONE BOOK MANAGEMENT			
::::::::::::::::::::::::::::::::::::::			
0. Exit			
1. Add Contact			
2. Show all Contacts			
3. Search Contact By name			
Enter Your Choi			
Name	Email	Phone Number	Address
Ali Hassan	hitechcoder.6at@gmail.com	3259606001	twkal_town_colony_multan
Shehzad	hitechco5er.54at@gmail.com	3259606002	twkal_pown_colony_karachi
yasir Hassan	hitechco4er.6at@gmail.com	3259606003	twkal_town_colony_lahor
Ebad Zafar	hitechcoeer.6at@gmail.com	3259606004	multan
Muhammad Ali	hitec@gmail.com	3259606005	lahor
MUHAMMAD JUNAID) hitechcod@gmail.com	3259606006	town_colony
Muneeb ali	MUHAMMAD@gmail.com	3259606007	jangle
ali hassan	alihassan@gmail.com	03128725200	twkal_twon_colony_multan
Qamar abbas	qamar@gmail.com	03121723556	new-multan
Tanveer naeem	tanveer@gmail.com	03027389792	city_housing
PHONE BOOK MANAGEMENT			
::::::::::::::::::::::::::::::::::::::			
0. Exit			
1. Add Contact			
2 Show all Contacts			

Chose 2nd option in which Show Contacts

BACK-END CODE

```
30
     void Show_Records()
32
         ifstream fileshow;
33
         fileshow.open("directory.txt");
34
35
         string word;
         while (getline(fileshow, word))
36 ×
37
             cout << word << endl;</pre>
38
39
         menu();
40
41
```

SEARCH CONTACT BY NAME

Chose 3rd option in which Show Contacts

BACK-END CODE OF SEARCHING NAME

```
voia menu();
     void searchByName()
         cout << "Please Enter Contact Name: ";</pre>
         string name;
         cin >> name;
10
         ifstream inFile;
11
         inFile.open("directory.txt");
12
         string line;
13
         bool found = false;
14
15
         while (getline(inFile, line))
16
17
             int pos = line.find(name);
18
             if (pos != string::npos)
19
                 cout << line << endl;</pre>
20
21
                 found = true;
22
23
         if (!found)
24
25
             cout << "No contact found with that name is " << name << " in phonebook!!!" << endl;</pre>
26
27
         inFile.close();
28
29
         menu();
30
```

LOOP-HOLES SOLUTIONS

```
PHONE BOOK MANAGEMENT
  Exit
1. Add Contact
2. Show all Contacts
Search Contact By name
Enter Your Choice 1
Enter Your First Name ali
Enter Your Last Name
                    hassan
Name is already exist please Enter Your First Name
                                                 Tanveer
Enter Your Last Name
                    naeem
Enter Your email
                    tanveer@gmail.com
Enter Your number
                    0302738979
Number should be less than or equal to 11 digits.
Enter Your number
                    03027389792
                    city_housing
Enter Your address
Contact is Save Successfully!
```