

Output 01:

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:

Jimmy Sang

Please input the email:

jimmy@bu.edu

Please input the phone number:

111-111-1111

The phone number has been added!

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:

Bob Smith

Please input the email:

bob@bu.edu

Please input the phone number:

222-222-2222

The phone number has been added!

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file
'r': Read from file
What do you want:
a
Please input the full name:
Tom Davis
Please input the email:
tom@bu.edu
Please input the phone number:
333-333-3333
The phone number has been added!
Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list
'p': Print the entire List
's': Search for Name
'e': Search for email address
'd': Delete an Entry
'w': Write the list to file
'r': Read from file
What do you want:
p

Index: [0]
Name: Tom Davis
-email: tom@bu.edu
-Phone number: 333-333-3333

Index: [1]
Name: Jimmy Sang
-email: jimmy@bu.edu
-Phone number: 111-111-1111

Index: [2]
Name: Bob Smith
-email: bob@bu.edu
-Phone number: 222-222-2222

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list
'p': Print the entire List
's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

s

Please input the name you want to find:

jimmy

Index: [1]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

d

Index: [0]

Name: Tom Davis

-email: tom@bu.edu

-Phone number: 333-333-3333

Index: [1]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Index: [2]

Name: Bob Smith

-email: bob@bu.edu

-Phone number: 222-222-2222

Input the index of the entry to delete or N to cancel

1

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

p

Index: [0]

Name: Tom Davis

-email: tom@bu.edu

-Phone number: 333-333-3333

Index: [1]

Name: Bob Smith

-email: bob@bu.edu

-Phone number: 222-222-2222

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

Output 02:

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:
Huaze Sang
Please input the email:
huaze@bu.edu
Please input the phone number:
111-111-111
The phone number should be 000-000-0000!
Please input the phone number:
111-111-1111
The phone number has been added!
Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:

Tom Miller

Please input the email:

tom

The pattern should be xxx@yy.zz!

Please input the email:

tom@bu.edu

Please input the phone number:

222-222-2222

The phone number has been added!

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

p

Index: [0]

Name: Tom Miller
-email: tom@bu.edu
-Phone number: 222-222-2222

Index: [1]
Name: Huaze Sang
-email: huaze@bu.edu
-Phone number: 111-111-1111

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

e

Please input the email you want to find:

to

Index: [0]

Name: Tom Miller

-email: tom@bu.edu

-Phone number: 222-222-2222

Press enter to continue..

exit

dhcp-wifi-8021x-155-41-72-32:homework Sang\$

Output 03:

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:

Jimmy Sang
Please input the email:
jimmy@bu.edu
Please input the phone number:
111-111-1111
The phone number has been added!
Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

a

Please input the full name:

jerry Brown

Please input the email:

jerry@gmail.com

Please input the phone number:

222-222-2222

The phone number has been added!

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

p

Index: [0]

Name: jerry Brown

-email: jerry@gmail.com

-Phone number: 222-222-2222

Index: [1]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

w

Please input a file name:

store.x

Phone list has been stored in file store.x

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

d

Index: [0]

Name: jerry Brown

-email: jerry@gmail.com

-Phone number: 222-222-2222

Index: [1]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Input the index of the entry to delete or N to cacle

0

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

p

Index: [0]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

r

Please input a file name:

store.x

Phone list has been successfully read from file!

Press enter to continue..

Enter exit at any time to exit the program.

'a': Add phone number to the list

'p': Print the entire List

's': Search for Name

'e': Search for email address

'd': Delete an Entry

'w': Write the list to file

'r': Read from file

What do you want:

p

Index: [0]

Name: jerry Brown

-email: jerry@gmail.com

-Phone number: 222-222-2222

Index: [1]

Name: Jimmy Sang

-email: jimmy@bu.edu

-Phone number: 111-111-1111

Press enter to continue..