Activity 2 - Contacts Program. Complete each of the functions by following their instructions. See below for an example output. Blue is for user input.

V)iew

A)dd

D)elete

Q)uit

>>: v

Billy Bob : 0438236777

Kate Murphey : 04983266322

Daniel Peterson : 0478872633

>>: A

First Name: Billy

Surname: Bobbie

Phone number: 0438236777

>>: d

Who would you like to remove? (first name): kate

Kate has been removed

>>: D

Who would you like to remove? (first name): Billy

Found multiple entries with the first name Billy

Billy Bob : 0438236777

Billy Bobbie : 0438236777

Who would you like to remove? (last name): Bobbie

Billy has been removed

>>: d

Who would you like to remove? (first name): beb

Could not find a contact with the name: Beb

>>: q

Goodbye :)

”””

MENU = **"V)iew\nA)dd\nD)elete\nQ)uit\n>>"  
  
 def** main():  
 contacts = [(**"Billy"**, **"Bob"**, **"0438236777"**), (**"Kate"**, **"Murphey"**, **"04983266322"**), (**"Daniel"**, **"Peterson"**, **"0478872633"**)]

print(MENU)  
 choice = input(“>>>: ”).upper()  
 **while** choice != **"Q"**:  
 **if** choice == **"V"**:   
 print\_contacts(contacts\_list)  
   
 **elif** choice == **"A"**:

new\_contact = get\_contact\_to\_add()

contacts.append(new\_contact)  
   
 **elif** choice == **"D"**:

**else**:

print(MENU)  
 choice = input(“>>>: ”).upper()

print(“Farewell”)

**def** print\_contacts(contacts\_list):  
 *"""Receives list of contacts as an input and prints each one on a new line using string formatting"""* For contact in contacts\_list:

print(f”{first\_name} {surname}: {number}”)

**def** get\_contact\_to\_add():  
 *"""Asks the user for input for the new contact's name and number. Returns the new contact as a tuple"""* first\_name = input(**"First Name: "**)  
 surname = input(**"Surname: "**)  
 number = input(**"Phone number: "**)  
 **return** first\_name, surname, number

**def** get\_contact\_to\_remove(contacts):  
 *"""Asks the user for a first name to remove.*

*If there is more than one person with the same first name, ask the user for a surname.*

*If the name does not exist, display an error message. Returns the contact to remove as a tuple"""* first\_name = input(**"Who would you like to remove? (first name): "**)

for contact in contacts:

if contact[0] == first\_name:

return contact[]