

```
"IDLE Shell 3.11.1"
File Edit Shell Debug Options Window Help

Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>

===== RESTART: D:\phone\pbook.py =====

                PHONEBOOK MENU
                *****

1. Add Contact
2. Update Contact
3. Delete Contact
4. View Contacts
5. Exit
Enter your choice (1-5): 1
Enter name: sangeetha
Enter phonenumber: 7358819574
Enter email: sangee@gmail.com
Contact added successfully

                PHONEBOOK MENU
                *****

1. Add Contact
2. Update Contact
3. Delete Contact
4. View Contacts
5. Exit
Enter your choice (1-5): 2
Enter phonenumber to update: 7358819574
Enter updated name: uthra
Enter updated phonenumber: 9500811699
Enter updated email: uthra@gmail.com
Contact updated successfully!
```

```
"IDLE Shell 3.11.1"
File Edit Shell Debug Options Window Help

Enter your choice (1-5): 2
Enter phonenumber to update: 7358819574
Enter updated name: uthra
Enter updated phonenumber: 9500811699
Enter updated email: uthra@gmail.com
Contact updated successfully!

PHONEBOOK MENU
*****

1. Add Contact
2. Update Contact
3. Delete Contact
4. View Contacts
5. Exit
Enter your choice (1-5): 1
Enter name: meena
Enter phonenumber: 8056623438
Enter email: meena@gmail.com
Contact added successfully

PHONEBOOK MENU
*****

1. Add Contact
2. Update Contact
3. Delete Contact
4. View Contacts
5. Exit
Enter your choice (1-5): 3
Enter phonenumber to delete: 9500811699
Contact deleted successfully!

PHONEBOOK MENU
```

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

Enter your choice (1-5): 3

Enter phonenumber to delete: 9500811699

Contact deleted successfully!

PHONEBOOK MENU  
\*\*\*\*\*

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

Enter your choice (1-5): 4

Name	Phone number	E-mail
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meena	8056623438	meena@gmail.com
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PHONEBOOK MENU  
\*\*\*\*\*

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

Enter your choice (1-5): 5

Exiting Phonebook. Goodbye!

>>>

```
import pymysql as p
def connect():
    d=p.connect(host="localhost",user="root",password="",database="phone")
    c=d.cursor()
    return c,d
#function to add a new conduct
def add_Contact(name,phone_number,email):

    c,d=connect()
    sql = "INSERT INTO Contact(name,phonenumber,email) VALUES (%s, %s, %s)"
    c.execute(sql, (name,phone_number,email))
    d.commit()
    print("Contact added successfully")

#function to update a contact
def update_Contact(Contact_id,name,phone_number,email):

    c,d=connect()
    sql = "UPDATE Contact SET name=%s,phonenumber=%s,email=%s WHERE phonenumber=%s"
    c.execute(sql, (name,phone_number,email,Contact_id))
    d.commit()
    print("Contact updated successfully!")

#function to delete a contact
def delete_Contact(Contact_id):

    c,d=connect()
    sql = "DELETE FROM contact WHERE phonenumber=%s"
    c.execute(sql, [Contact_id])
    print("Contact deleted successfully!")
    d.commit()
```

```
d.commit()

#function to view all contacts
def view_Contacts():

    c,d=connect()
    sql = "SELECT * FROM contact"
    c.execute(sql)
    contacts = c.fetchall()
    print("Name\tPhone number\tE-mail")
    print("-----")
    if contacts:
        for i in contacts:
            print(i[0],"\t",i[1],"\t",i[2])

#main function to run the phonebook application
def main():
    connect()
    while True:
        print("\n\t\t\tPHONEBOOK MENU")
        print("\t\t\t*****")
        print("1. Add Contact")
        print("2. Update Contact")
        print("3. Delete Contact")
        print("4. View Contacts")
        print("5. Exit")

        choice = input("Enter your choice (1-5): ")

        if choice == '1':
```

```
choice = input("Enter your choice (1-5): ")

if choice == '1':
    name = input("Enter name: ")
    phone_number = int(input("Enter phonenumber: "))
    email = input("Enter email: ")
    add_Contact(name,phone_number,email)
elif choice == '2':
    contact_id = int(input("Enter phonenumber to update: "))
    name = input("Enter updated name: ")
    phone_number = int(input("Enter updated phonenumber: "))
    email = input("Enter updated email: ")
    update_Contact(contact_id,name,phone_number,email)
elif choice == '3':
    contact_id = int(input("Enter phonenumber to delete: "))
    delete_Contact(contact_id)
elif choice == '4':
    view_Contacts()
elif choice == '5':
    print("Exiting Phonebook. Goodbye!")
    break
else:
    print("Invalid choice. Please enter a number between 1 and 5.")

if __name__ == "__main__":
    main()
```

=====

SUBMITTED BY:

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localhost / 127.0.0.1 / phone | p | x    localhost / 127.0.0.1 / phone / c | x    +

localhost/phpmyadmin/sql.php?db=phone&table=contact&pos=0

phpMyAdmin

Recent Favorites

- New
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- mysql
- performance\_schema
- phone
- New
- contact
- phpmyadmin
- rs
- shopee
- test
- your\_name

Server: 127.0.0.1    Database: phone    Table: contact

Browse    Structure    SQL    Search    Insert    Export    Import    Privileges    Operations    Tracking    Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0010 seconds)

SELECT \* FROM 'contact'

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all    Number of rows: 25    Filter rows: Search this table

Options

name	phonenumber	email
meena	8056623438	meena@gmail.com

Show all    Number of rows: 25    Filter rows: Search this table

Query results operations

Print    Copy to clipboard    Export    Display chart    Create view

Bookmark this SQL query

Label:    ☐ Let every user access this bookmark

Bookmark this SQL query

Console

Type here to search

37°C Mostly sunny    12:27    27-09-2024