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PYTHON GUI PROJECT

EVENT MANAGEMENT SYSTEM

Bachelor of Computer Science & Technology

LOVELY PROFESSIONAL UNIVERSITY

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- **What is a GUI?**

A **Graphical User Interface(GUI)** is the first thing your user sees and interacts with when he opens your application or website. Having a good GUI goes a long way in increasing your platform's reputation and user count. A user interface usually includes a host of visual elements like icons, buttons, graphics, displayed text, and several other forms of input, like checkbox, text input boxes, and such.

- **Tkinter**

Tkinter was created to equip modern developers with a standard interface to the Tk GUI **tool kit** with its Python bindings. In Tkinter's world, most of the **visual elements that we're familiar with are called widgets,** and each of these widgets offers a different level of customizability.

Some of those visual elements have been listed below:

- **Frame**: for providing a structure to your application
- **Buttons**: used for taking input from the user
- **Checkbuttons**: used for making selections
- **Labels**: for displaying textual information
- **Canvas**: provides a space for drawing/painting things

- What is Event Management Application?

❖ Event Management Application keeps track of necessary information required for an event.

❖ Information includes event details, organizer details, volunteer details, visitor details.

❖ Event details contains EventName, Date, Duration, Place, etc.

❖ Organizer details contains EventName, OrganizerName, Address, ContactNo, EmailAddress, Role. etc

- Create two tables with the following names
  i. Events
  ii. NewEvent

- First table contain the following attributes

i. First Name
ii. Last Name
iii. Email

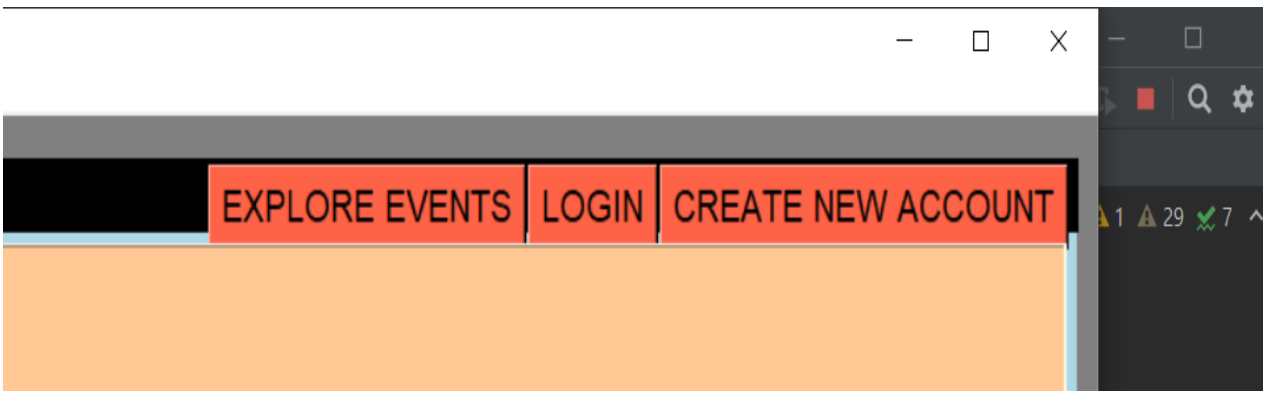
- Second table contain the following attributes

i. EventName
ii. OrganizerName
iii. Address
iv. ContactNo
v. EventType
vi. Date
vii. Time

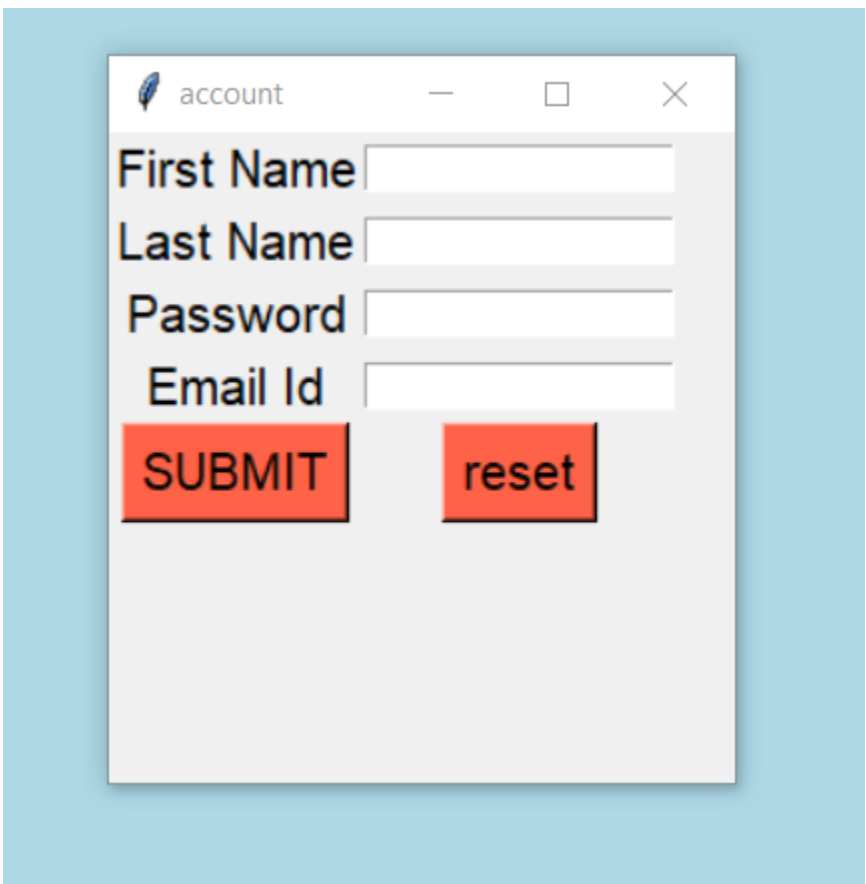
- **Steps to be followed in programming**

1. Import the required libraries
2. Connect the database with Python
3. Create a cursor to execute queries
4. Create GUI design
5. Perform necessary action in each callback

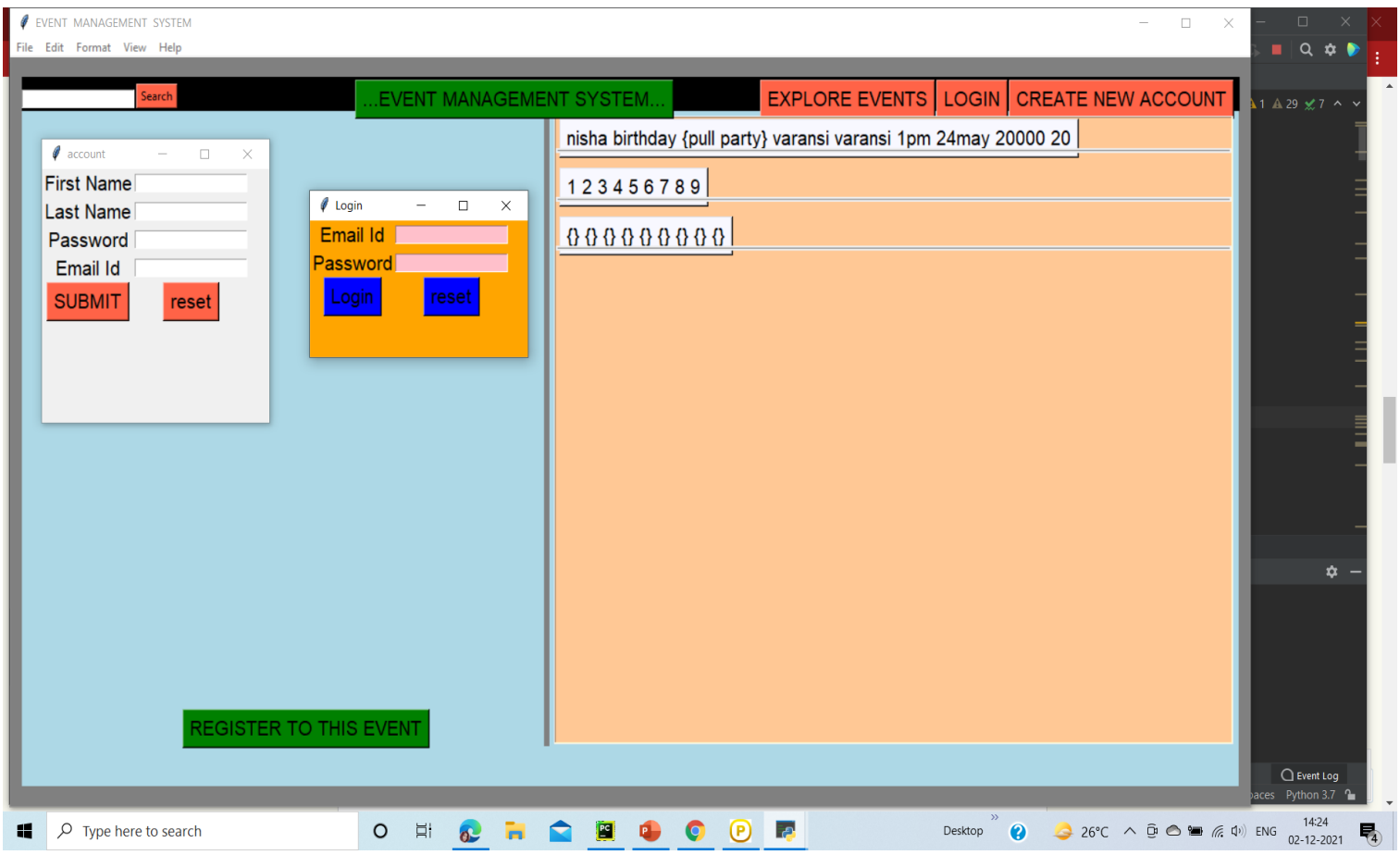
Screenshots…



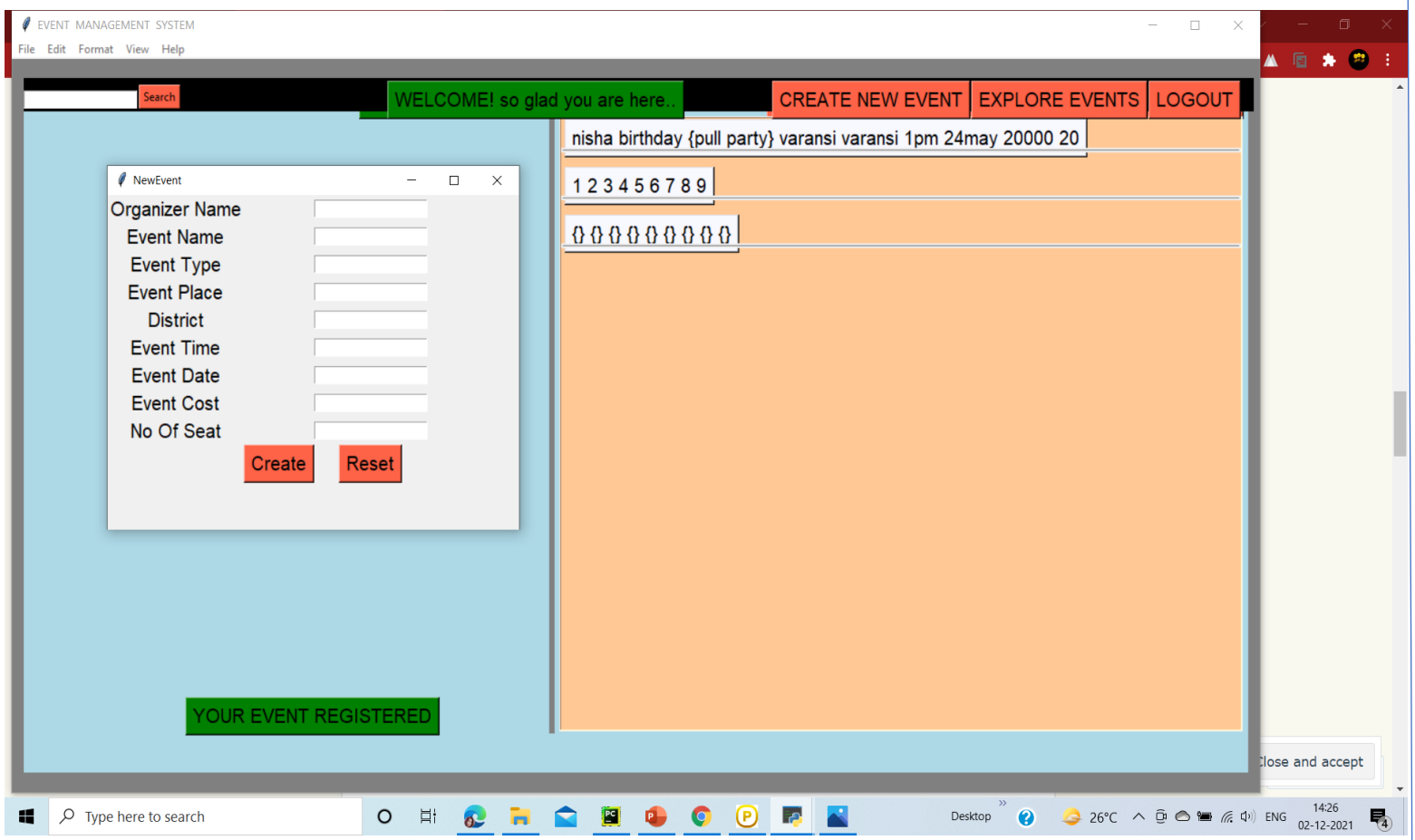
Menu Button



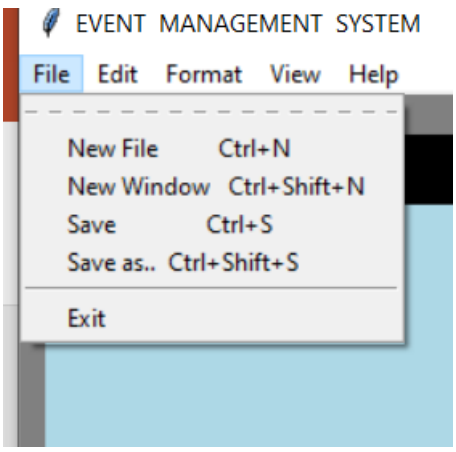
Login from here

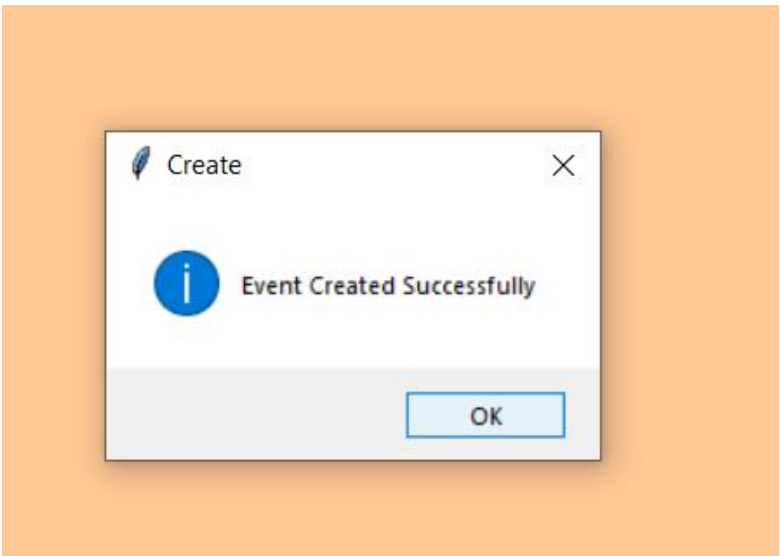


Inside this, u can perform the operations Like Create New Account, login, Explor Event etc

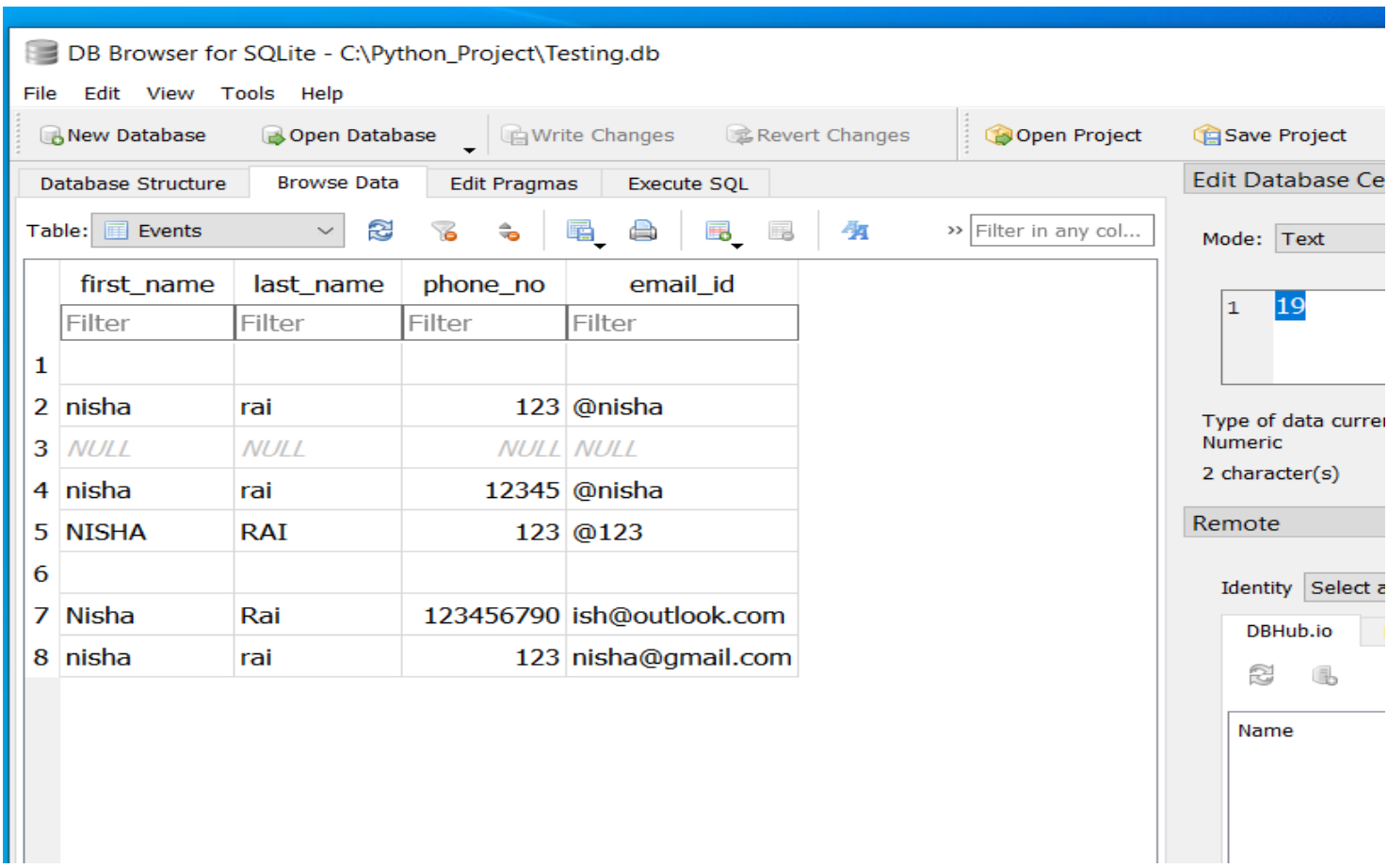


- This is second page..
- Inside this, u can perform the operations like Create New Event, Explore Event, Logout etc.



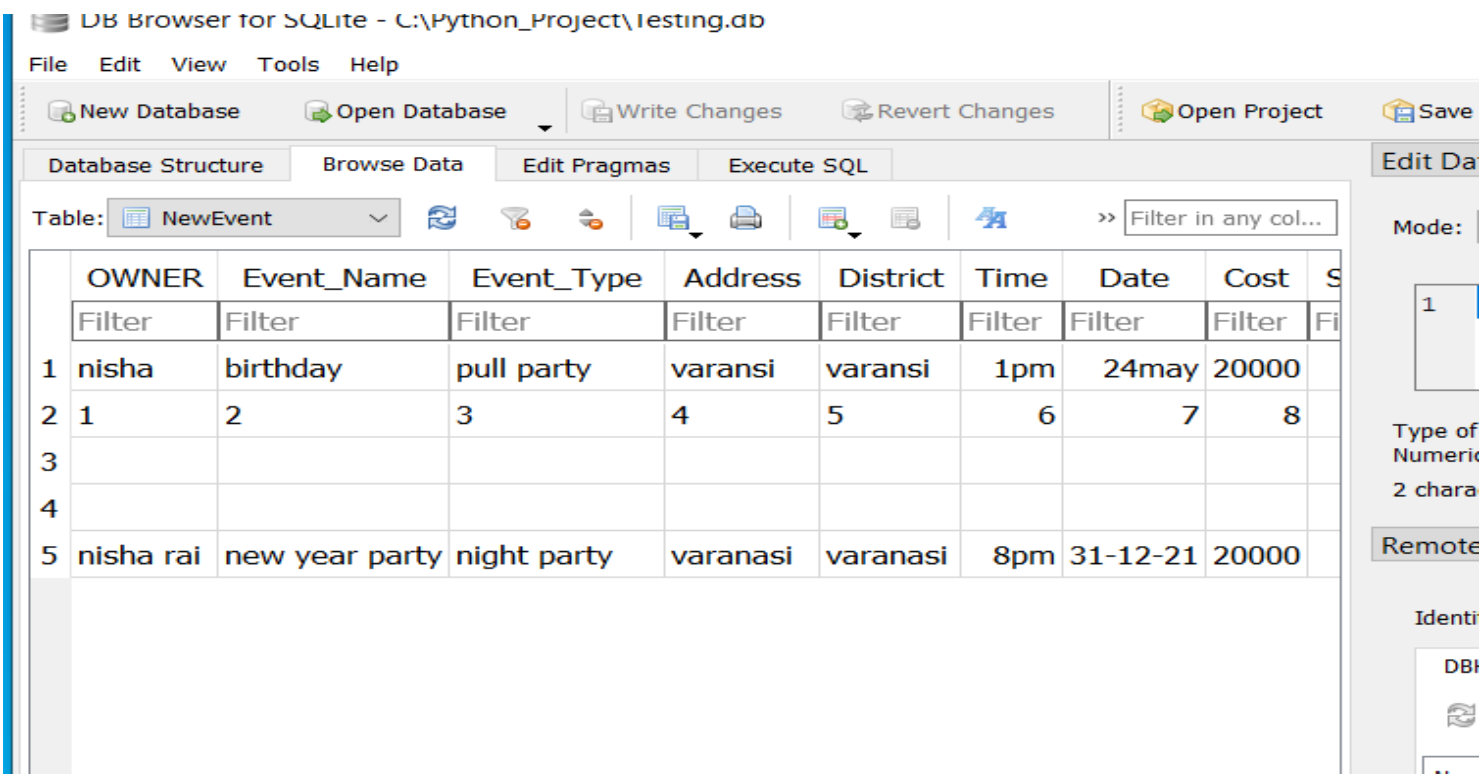


Database Table1: **Events**



	first_name	last_name	phone_no	email_id
	Filter	Filter	Filter	Filter
1				
2	nisha	rai	123	@nisha
3	*NULL*	*NULL*	*NULL*	*NULL*
4	nisha	rai	12345	@nisha
5	NISHA	RAI	123	@123
6				
7	Nisha	Rai	123456790	ish@outlook.com
8	nisha	rai	123	nisha@gmail.com

Database Table 2 : **NewEvent**



	OWNER	Event_Name	Event_Type	Address	District	Time	Date	Cost
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	nisha	birthday	pull party	varansi	varansi	1pm	24may	20000
2	1	2	3	4	5	6	7	8
3								
4								
5	nisha rai	new year party	night party	varanasi	varanasi	8pm	31-12-21	20000