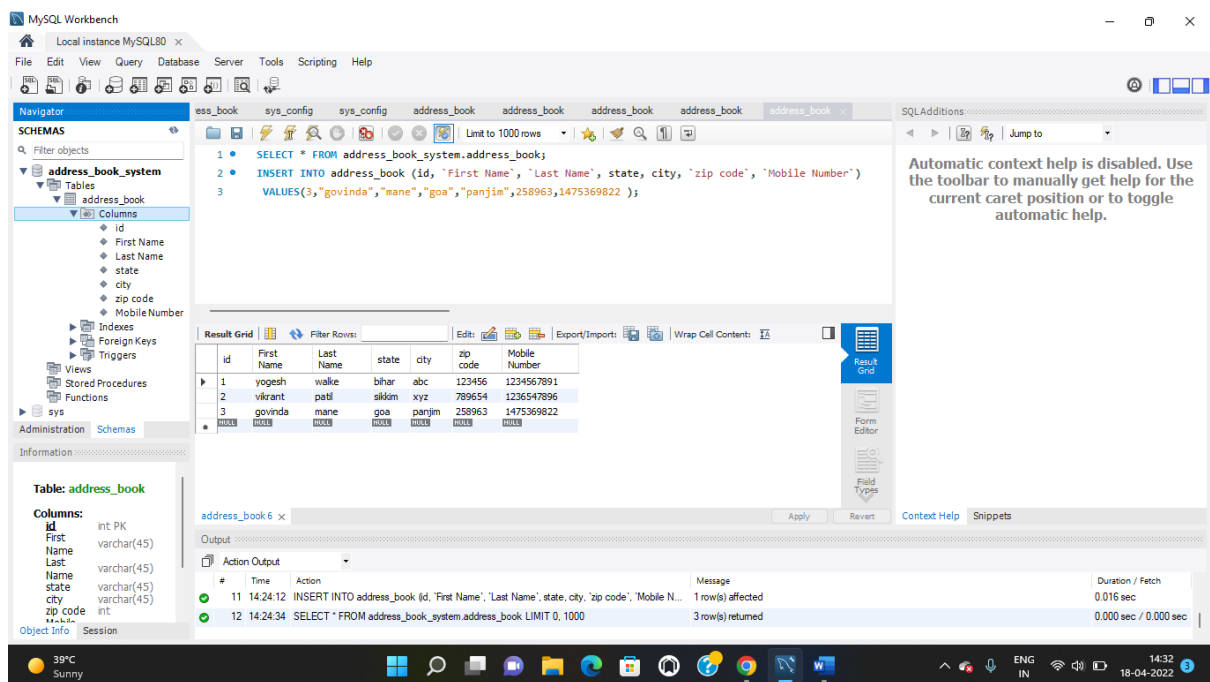


Uc3_Ability to insert new Contacts to Address Book



Uc4_Ability to edit existing contact person using Primary Key

The screenshot shows the MySQL Workbench interface with the 'address_book' table selected. The table structure is visible on the left, showing columns: id (int PK), First Name (varchar(45)), Last Name (varchar(45)), Name (varchar(45)), state (varchar(45)), city (varchar(45)), zip code (int), and Mobile Number (int). The SQL editor contains the following queries:

```
1 • SELECT * FROM address_book_system.address_book;
2 • INSERT INTO address_book (id, 'First Name', 'Last Name', state, city, 'zip code', 'Mobile Number')
3   VALUES(3,'govinda','mane','goa','panjim',258963,1475369822);
4 • UPDATE address_book SET 'Mobile Number' = 1475369823 WHERE id = 2;
```

The Result Grid shows the data after the update:

	id	First Name	Last Name	state	city	zip code	Mobile Number
1	yogesh	walke	bihar	abc	123456	1234567891	
2	vikrant	patil	skim	xyz	789654	1475369823	
3	govinda	mane	goa	panjim	258963	1475369822	

The Action Output shows the execution results:

#	Time	Action	Message	Duration / Fetch
18	14:47:34	UPDATE address_book SET 'Mobile Number' = 1475369823 WHERE id = 2	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
19	14:47:44	SELECT * FROM address_book_system.address_book LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Uc5_Ability to delete a person using

The screenshot shows the MySQL Workbench interface with the 'address_book' table selected. The table structure is visible on the left, showing columns: id (int PK), First Name (varchar(45)), Last Name (varchar(45)), Name (varchar(45)), state (varchar(45)), city (varchar(45)), zip code (int), and Mobile Number (int). The SQL editor contains the following queries:

```
1 • SELECT * FROM address_book_system.address_book;
2 • INSERT INTO address_book (id, 'First Name', 'Last Name', state, city, 'zip code', 'Mobile Number')
3   VALUES(3,'govinda','mane','goa','panjim',258963,1475369822);
4 • UPDATE address_book SET 'Mobile Number' = 1475369823 WHERE id = 2;
5 • DELETE FROM address_book WHERE id = 2;
6
```

The Result Grid shows the data after the delete operation:

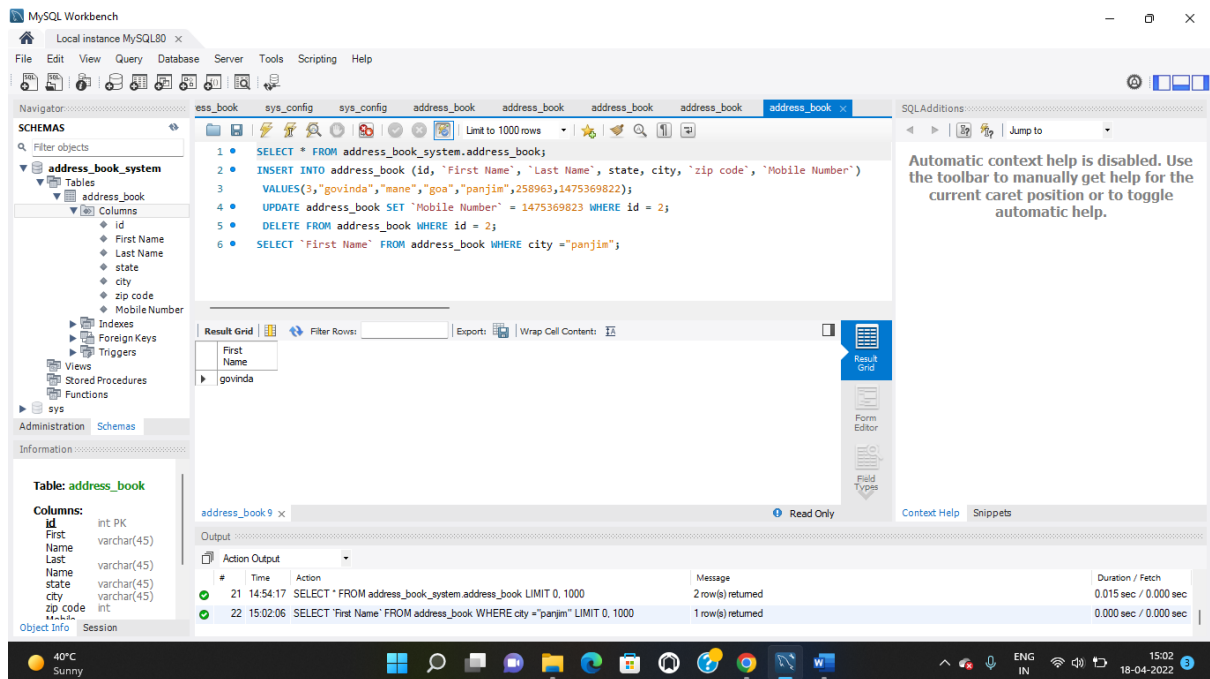
	id	First Name	Last Name	state	city	zip code	Mobile Number
1	yogesh	walke	bihar	abc	123456	1234567891	
3	govinda	mane	goa	panjim	258963	1475369822	

The Action Output shows the execution results:

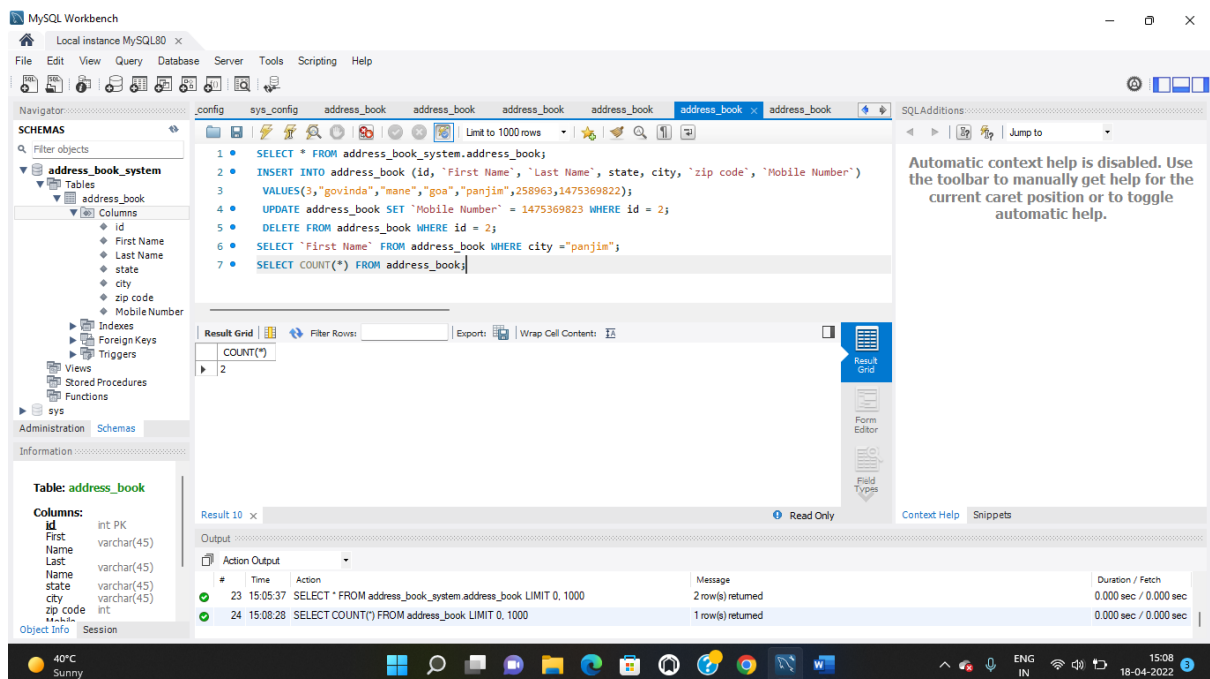
#	Time	Action	Message	Duration / Fetch
20	14:54:11	DELETE FROM address_book WHERE id = 2	1 row(s) affected	0.016 sec
21	14:54:17	SELECT * FROM address_book_system.address_book LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec

Ability to Retrieve

Uc6_Ability to Retrieve Person belonging to a City or State from the Address Book



Uc7_Ability to understand the size of address book



Uc_8Ability to retrieve entries sorted alphabetically by Person's name for a given city

The screenshot displays the MySQL Workbench interface for a local instance of MySQL 8.0. The 'Schemas' pane on the left shows the 'address_book_system' database with a table named 'address_book'. The 'Columns' pane for 'address_book' lists: id (int PK), First Name (varchar(45)), Last Name (varchar(45)), Name (varchar(45)), state (varchar(45)), city (varchar(45)), zip code (int), and Mobile Number (int).

The SQL Editor shows the following queries:

```
1 • SELECT * FROM address_book_system.address_book;
2 • INSERT INTO address_book (id, 'First Name', 'Last Name', state, city, 'zip code', 'Mobile Number')
3 • VALUES(5,"amrut","jandar","goa","panjim",258968,1475369821);
4 • UPDATE address_book SET 'Mobile Number' = 1475369823 WHERE id = 2;
5 • DELETE FROM address_book WHERE id = 2;
6 • SELECT 'First Name' FROM address_book WHERE city = "panjim";
7 • SELECT COUNT(*) FROM address_book;
8 • SELECT 'First Name' FROM address_book WHERE city = "panjim" order by 'First Name';
```

The 'Result Grid' shows the results of the last query (Query 8):

First Name
adesh
amrut
govinda

The 'Output' pane at the bottom shows the execution log:

#	Time	Action	Message	Duration / Fetch
32	15:16:32	SELECT * FROM address_book_system.address_book LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
33	15:16:39	SELECT 'First Name' FROM address_book WHERE city = "panjim" order by 'First Name' LI...	3 row(s) returned	0.016 sec / 0.000 sec

The status bar at the bottom indicates the system is at 40°C, Sunny, with a date of 18-04-2022 and time of 15:16.