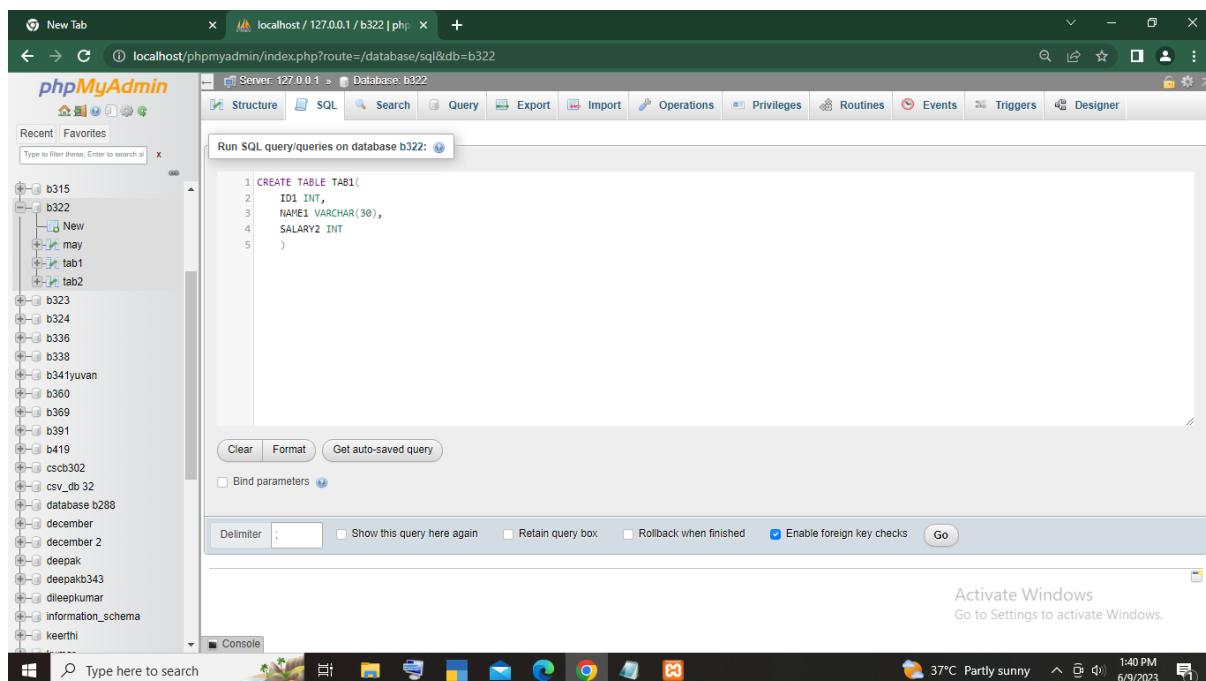


VIJAY'S-MY SQL

DATE:8/6/2023

TABLE CREATION 1



table

The screenshot shows the phpMyAdmin interface for a database named 'b322'. The left sidebar lists various databases and tables. The 'tab1' table is selected in the main area. A green status bar at the top indicates 'Showing rows 0 - 2 (3 total). Query took 0.00003 seconds.' Below it, a SQL query 'SELECT * FROM `tab1`' is displayed. The results table shows three rows:

id1	name1	salary
1	rephel	12900
2	subha	18000
6	nandini	56784

Below the results, there are 'Query results operations' buttons for Print, Copy to clipboard, Export, Display chart, and Create view.

table creation2

The screenshot shows the phpMyAdmin interface for a database named 'b322'. The left sidebar lists various databases and tables. In the main area, a SQL query is being run to create a new table 'TAB2':

```
1 CREATE TABLE TAB2(
2     ID2 INT,
3     NAME2 VARCHAR(30),
4     SALARY2 INT
5 )
```

The 'Run SQL query/queries on database b322:' button is highlighted. Below the query, there are options for Clear, Format, Get auto-saved query, Bind parameters, Delimiter (set to ;), Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks. The 'Go' button is visible at the bottom right.

The screenshot shows the phpMyAdmin interface for a database named 'b322'. The left sidebar lists various databases and tables. The main area displays the contents of the 'tab2' table with the following data:

id2	name2	salary
1	raphel	12900
2	subha	18000
3	nancy	45909

Below the table, there are buttons for Print, Copy to clipboard, Export, Display chart, and Create view.

joins

INNER JOINS

The screenshot shows the phpMyAdmin interface for a database named 'b322'. The left sidebar lists various databases and tables. The main area contains the following SQL query in the 'Structure' tab:

```
1 select * from tab1 inner join tab2 on tab1.id1=tab2.id2
```

Below the query, there are buttons for Clear, Format, Get auto-saved query, Bind parameters, Delimiter, Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks. A 'Go' button is also present.

INPUT

output

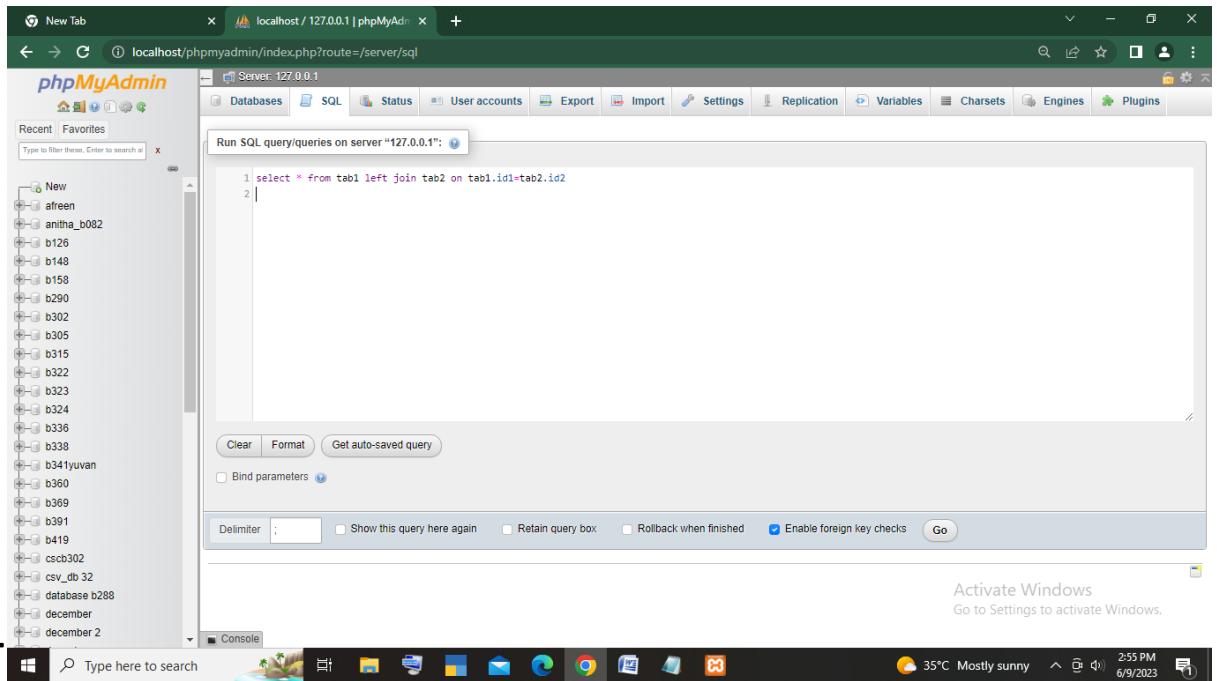
The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: b315, b322, New, may, tab1, tab2, b323, b324, b336, b338, b341yuvan, b360, b369, b391, b419, cscb302, csv_db_32, database b288, december, december 2, deepak, deepakb343, dileepkumar, information_schema, keerthi. The main panel shows the results of a query on the 'tab1' table:

```
select * from tab1 inner join tab2 on tab1.id1=tab2.id2;
```

id1	name1	salary	id2	name2	salary
1	raphel	12900	1	raphel	12900
2	subha	18000	2	subha	18000

Below the table are buttons for Print, Copy to clipboard, Export, Display chart, and Create view. The Windows taskbar at the bottom shows the date and time: 35°C Mostly cloudy 6:56 PM 6/9/2023.

Left joins



INPUT

OUTPUT

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables. The main area displays a query result for a left join between 'tab1' and 'tab2'. The results are as follows:

id1	name1	salary	id2	name2	salary
1	raphel	12900	1	raphel	12900
2	subha	18000	2	subha	18000
6	nandini	56784	NULL	NULL	NULL

Below the table, there are buttons for Print, Copy to clipboard, Export, Display chart, and Create view.

Right joins

INPUT

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: b315, b322, b323, b324, b336, b338, b341yuvan, b360, b369, b391, b419, cscb302, csv_db_32, database b288, december, december 2, deepak, deepakb343, dileepkumar, information_schema, and keerthi. The current database is b322. The main area contains a SQL query editor with the following code:

```
1 select * from tab1 right join tab2 on tab1.id1=tab2.id2
```

Below the query editor are buttons for Clear, Format, Get auto-saved query, Bind parameters, Delimiter, Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks. A Go button is also present. The status bar at the bottom shows "Activate Windows Go to Settings to activate Windows." and system information like 36°C Partly sunny, 2:34 PM, and 6/9/2023.

OUTPUT

The screenshot shows the phpMyAdmin interface after executing the query. The left sidebar is identical to the input screenshot. The main area now displays the results of the query:

```
select * from tab1 right join tab2 on tab1.id1=tab2.id2;
```

The results table shows the following data:

id1	name1	salary	id2	name2	salary
1	raphel	12900	1	raphel	12900
2	subha	18000	2	subha	18000
NULL	NULL	NULL	3	nancy	45909

Below the table are buttons for Show all, Number of rows: 25, Filter rows: Search this table, and Extra options. At the bottom is a "Query results operations" section with Print, Copy to clipboard, Export, Display chart, and Create view buttons. The status bar at the bottom shows "Activate Windows Go to Settings to activate Windows." and system information like 36°C Partly sunny, 2:34 PM, and 6/9/2023.

CROSS JOINS

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, including 'b322' which contains 'tab1' and 'tab2'. The main area shows a SQL query window with the following content:

```
1 select * from tab1 cross join tab2;
```

A yellow message box says: "You have a previously saved query. Click Get auto-saved query to load the query." To the right, the results pane displays the output of the query:

	id1	name1	salary
1			
	id1	name1	salary

Below the results, there are various query execution buttons like SELECT+, SELECT, INSERT, UPDATE, DELETE, and a Go button.

INPUT

OUTPUT

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: b315, b322, New, may, tab1, tab2, b323, b324, b336, b338, b341yuvan, b360, b369, b391, b419, cscb302, csv_db_32, database b288, december, december 2, deepak, deepak343, dileepkumar, information_schema, and keerthi. The 'tab1' database is selected. The main area shows the 'Structure' tab for 'tab1'. A query result is displayed in a green-highlighted box:

```
Showing rows 0 - 8 (9 total, Query took 0.0003 seconds.)  
select * from tab1 cross join tab2;
```

The result table has columns id1, name1, salary, id2, name2, and salary. The data is as follows:

	id1	name1	salary	id2	name2	salary
1	raphel	12900	1	raphel	12900	
2	subha	18000	1	raphel	12900	
6	nandhini	56784	1	raphel	12900	
1	raphel	12900	2	subha	18000	
2	subha	18000	2	subha	18000	
6	nandhini	56784	2	subha	18000	
1	raphel	12900	3	nancy	45909	
2	subha	18000	3	nancy	45909	
6	nandhini	56784	3	nancy	45909	

At the bottom right of the screen, there is a Windows notification bar with the text "Activate Windows Go to Settings to activate Windows.", the date "6/9/2023", and the time "2:36 PM".

EX-Pg 31

CUSTOMER TABLE

customer table creation:

The screenshot shows the phpMyAdmin interface for a database named 'b322'. On the left, the database structure tree is visible, showing various schemas like 'information_schema' and 'mysql'. The main panel contains a SQL query editor with the following code:

```
1 CREATE TABLE CUSTOMER (
2     customer_id int,
3     customer_name varchar(30),
4     mobile_no bigint,
5     area varchar(30)
6 )
```

Below the query editor, there are several buttons: 'Clear', 'Format', 'Get auto-saved query', 'Bind parameters', 'Bookmark this SQL query:' (with a text input field), 'Delimiter' (set to ';'), and checkboxes for 'Show this query here again', 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks'. A 'Go' button is also present. At the bottom of the window, there's a toolbar with icons for file operations and a status bar showing the date and time.

output:

The screenshot shows the phpMyAdmin interface running in a browser window. The URL is `localhost/phpmyadmin/index.php?route=/database/sql&db=b322`. The left sidebar lists databases: New, b305, b322 (selected), customer, information_schema, mysql, performance_schema, phpmyadmin, sangeeb297, sangeethab297, sangeethamysql, and test. The main panel shows the results of a SQL query:

```
CREATE TABLE CUSTOMER ( customer_id int, customer_name varchar(30), moblie_no bigint, area varchar(30) );
```

Below the query results, there are links: [Edit inline] [Edit] [Create PHP code]. The status bar at the bottom shows the browser taskbar with icons for File Explorer, Task View, File, Firefox, File Explorer, File, and Google Chrome, along with system status like ENG 09-06-2023 and 19:07.

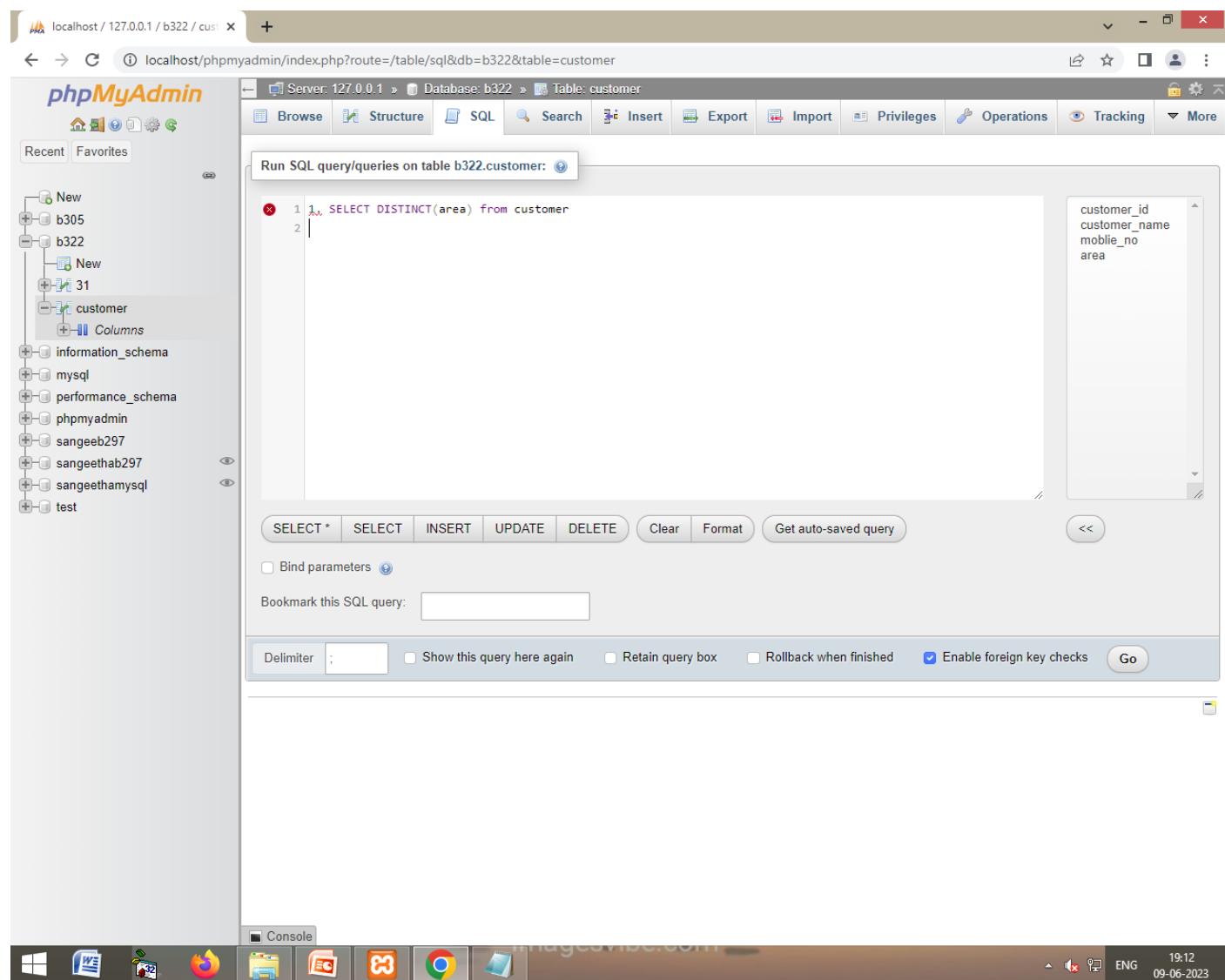
customer table.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The left sidebar lists databases: b305, b322, New, 31, information_schema, mysql, performance_schema, phpmyadmin, sangeeb297, sangeethab297, sangeethamysql, and test. The 'customer' table under the b322 database is selected. The main panel displays the table structure and data. The table has columns: customer_id, customer_name, mobile_no, and area. The data shows 10 rows of customer information. Below the table, there are options to print, copy to clipboard, export, display chart, and create view. There are also bookmarking and SQL query bookmarking features.

customer_id	customer_name	mobile_no	area
80101	dinesh raj	9840212400	thuruninravar
80102	rakesh raj	9840312413	ambattur
80103	sumathi	9789096200	perungudi
80104	shankaran	8120191091	thuruninravar
80105	rahul	9000234121	thuruninravar
80106	divakar	9840312222	perungudi
80107	dharmendar	9804316666	thuruninravar
80108	shanmugam	8120878787	ambattur
80109	purusoth	9080403020	ambattur

1. display all area where the customer is living.

input:



output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The left sidebar lists databases like 'b305', 'b322', and 'test'. The 'customer' table under 'b322' is selected. The main area displays the results of the query: 'SELECT DISTINCT(area) from customer;'. The results show four distinct areas: 'area', 'thuruninravar', 'ambattur', and 'perungudi'. There are two sets of filters at the bottom: one for 'Number of rows' (25) and 'Filter rows' (Search this table), and another for 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view). A 'Bookmark this SQL query' section is also present.

localhost / 127.0.0.1 / b322 / cust

phpMyAdmin

Server: 127.0.0.1 » Database: b322 » Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Show query box

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

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

SELECT DISTINCT(area) from customer;

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

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

Extra options

area
thuruninravar
ambattur
perungudi

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

2. display the first 3 rows in customer table.

input:

The screenshot shows the phpMyAdmin interface. The left sidebar displays database schemas: New, b305, b322, information_schema, mysql, performance_schema, phpmyadmin, sangeeb297, sangeethab297, sangeethamysql, and test. The 'customer' table under the b322 schema is selected. The main area shows the SQL query 'select * from customer limit 3' entered in the 'Run SQL query/queries on table b322.customer:' text area. To the right, the table structure is shown with columns: customer_id, customer_name, mobile_no, and area. Below the query area are buttons for SELECT *, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. At the bottom, there are options for Delimiter, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, and a Go button. The status bar at the bottom indicates the system is running on Windows 10, ENG, 19:13, 09-06-2023.

output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The 'customer' table is selected. A warning message at the top states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' Below this, a green status bar indicates: 'Showing rows 0 - 2 (3 total, Query took 0.0005 seconds.)'. A SQL query is displayed: 'select * from customer limit 3;'. The table data is as follows:

customer_id	customer_name	mobile_no	area
80101	dinesh raj	9840212400	thuruninravar
80102	rakesh raj	9840312413	ambattur
80103	sumathi	9789096200	perungudi

Below the table, there are 'Query results operations' buttons: Print, Copy to clipboard, Export, Display chart, and Create view. There are also 'Bookmark this SQL query' buttons for labeling and sharing.

3. display all the customers by arranging their name in descending order.

input:

The screenshot shows the phpMyAdmin interface. In the left sidebar, the database structure is visible, including a 'customer' table under the 'b322' database. The main area contains a SQL query editor with the following code:

```
1 select customer_name from customer order by (customer_name)desc
```

Below the query, there are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. At the bottom of the editor are Delimiter, Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks options.

A red box highlights the error message in the 'Error' panel:

Error

SQL query: [Copy](#)

```
select * from customer order by customer LIMIT 0, 25
```

MySQL said: [①](#)

```
#1054 - Unknown column 'customer' in 'order clause'
```

The system tray at the bottom right shows icons for various applications and the date/time: ENG 19:18 09-06-2023.

output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The 'customer' table is selected. A warning message states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' Below this, a green status bar indicates: 'Showing rows 0 - 8 (9 total, Query took 0.0006 seconds.)'. The SQL query executed is: 'select customer_name from customer order by (customer_name)desc;'. The results table displays the following data:

customer_name
sumathi
shanmugam
shankaran
rakesh raj
rahul
purusoth
divakar
dinesh raj
dharmendar

At the bottom, there are various operations: Print, Copy to clipboard, Export, Display chart, Create view, and a 'Bookmark this SQL query' section.

4. display all the customers who were living in THIRUNINRAVAR.

INPUT:

The screenshot shows the phpMyAdmin interface. On the left, the database structure is visible with the 'customer' table selected under the 'b322' database. The main panel contains a SQL query editor with the following code:

```
1 select customer_name from customer where area = 'thiruninravar'
```

To the right of the query, there is a results pane showing the columns: customer_id, customer_name, mobile_no, and area. Below the query editor, there are several buttons: SELECT *, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. At the bottom, there are options for Delimiter, Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks, followed by a Go button. The status bar at the bottom right shows the date and time: 19:45 09-06-2023.

OUTPUT:

The screenshot shows the phpMyAdmin interface for the 'customer' table in the 'b322' database. The left sidebar lists databases and tables. The main area displays the results of the SQL query: 'select customer_name from customer where area = 'thuruniravur';'. The results show four rows: dinesh raj, shankaran, rahul, and dharmendar.

customer_name
dinesh raj
shankaran
rahul
dharmendar

Below the results, there are options for 'Query results operations' including Print, Copy to clipboard, Export, Display chart, and Create view. There is also a 'Bookmark this SQL query' section with a 'Label' input field and a checkbox for 'Let every user access this bookmark'.

5. display all the customers whose name starts by 'D'.

INPUT:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar lists databases (b289, b305, b322) and tables (customer). The main area shows a SQL query window with the following content:

```
1 select * from customer where customer_name like 'd%'
```

The results pane on the right shows the structure of the customer table:

customer_id	customer_name	mobile_no	area
-------------	---------------	-----------	------

Below the query window are various buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, Bookmark this SQL query, Delimiter :, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, and Go. The status bar at the bottom shows the date and time: 14:13 13-06-2023.

OUTPUT:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The 'customer' table is selected. A query has been run: `select * from customer where customer_name like 'd%';`. The results show three rows of data:

customer_id	customer_name	mobile_no	area
80101	dinesh raj	9840212400	thuruniravar
80106	divakar	9840312222	perungudi
80107	dharmendar	9804316666	thuruniravar

Below the table, there are options to print, copy to clipboard, export, display chart, or create a view. There is also a 'Bookmark this SQL query' section with a label input field and a checkbox for 'Let every user access this bookmark'.

6. find out the area of all customers those id greatest than 80109.

input:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar lists databases and tables, with 'customer' selected under 'b322'. The main panel contains a SQL query editor with the following code:

```
1 select * from customer where customer_id > 80109
```

Below the query, there is a results pane showing the structure of the 'customer' table:

customer_id	customer_name	mobile_no	area
-------------	---------------	-----------	------

The bottom of the screen shows the Windows taskbar with various icons and the date/time: 14:14 13-06-2023.

output:

The screenshot shows the phpMyAdmin interface in a browser window. The URL is `localhost / 127.0.0.1 / b322 / cust`. The main content area displays a query result for the SQL statement `select * from customer where customer_id > 80109;`. The result is an empty set, indicated by the message: "MySQL returned an empty result set (i.e. zero rows). (Query took 0.0007 seconds.)". Below the query box, there are several options: "Profiling", "Edit inline", "Edit", "Explain SQL", "Create PHP code", and "Refresh". A "customer_id" column header is visible above the results table. On the left sidebar, the database structure is shown with databases like "New", "b289", "b305", "b322", "31", and "customer". At the bottom of the screen, the Windows taskbar is visible with icons for File Explorer, Task View, Task Manager, and a few other applications.

7. display all the customers by arranging their name,area wise.

input:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar displays databases like b289, b305, b322, and b355. The main panel shows a SQL query window with the following content:

```
1 select * from customer order by area;
```

The results pane on the right shows the structure of the 'customer' table:

customer_id	customer_name	mobile_no	area
-------------	---------------	-----------	------

Below the query window are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. At the bottom are Delimiter, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, and a Go button. The taskbar at the bottom shows icons for File Explorer, Task View, File Explorer, and Google Chrome, along with the date and time (14:16, 13-06-2023).

output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The 'customer' table is selected. A warning message at the top states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' Below this, a green status bar indicates: 'Showing rows 0 - 8 (9 total, Query took 0.0006 seconds.) [area: AMBATTUR... - THURUNINRAVAR...]'.

The SQL query executed is: `select * from customer order by area;`

The table data is as follows:

customer_id	customer_name	mobile_no	area
80102	rakesh raj	9840312413	ambattur
80108	shanmugam	8120878787	ambattur
80109	purusoth	9080403020	ambattur
80103	sumathi	9789096200	perungudi
80106	divakar	9840312222	perungudi
80101	dinesh raj	9840212400	thuruninravar
80104	shankaran	8120191091	thuruninravar
80105	rahul	9000234121	thuruninravar
80107	dharmendar	9804316666	thuruninravar

At the bottom, there are buttons for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' section is also present.

8. display mobile numbers of the customers in AMBATTUR,PERUNGUDI.

INPUT:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar displays databases (b289, b305, b322, etc.) and tables (customer). The main panel shows a SQL query window with the following content:

```
1 select mobile_no from customer where area = 'AMBATTUR' AND area = 'PERUNGUDI';
```

The results pane on the right shows the structure of the customer table:

customer_id	customer_name	mobile_no	area
-------------	---------------	-----------	------

Below the query window are various buttons: SELECT *, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, Bookmark this SQL query, Delimiter, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, and Go. The bottom taskbar shows icons for File Explorer, Task View, File History, Edge, File Explorer, Task View, File History, Google Chrome, and File Explorer. The system tray indicates the date as 13-06-2023 and the time as 14:22.

OUTPUT:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The browser address bar indicates the connection is to localhost / 127.0.0.1 / b322 / customer. The main window displays the results of a SQL query:

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0007 seconds)

select mobile_no from customer where area = 'AMBATTUR' AND area = 'PERUNGUDI';
```

The query was run against the 'customer' table in the 'b322' database. The results pane shows no data, and the status message indicates zero rows were found. Below the results, there are options for 'Query results operations' like 'Create view' and 'Bookmark this SQL query'. The left sidebar shows a tree view of databases and tables, including 'b289', 'b305', 'b322', 'customer', and others.

9. display all the customers of name ends with 'RAJ'.

input:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar lists databases and tables, with 'customer' selected under 'b322'. The main area contains a SQL query editor with the following code:

```
1 select * from customer where customer_name like '%raj'
```

A message box indicates: "You have a previously saved query. Click Get auto-saved query to load the query." To the right, a results pane shows the columns: customer_id, customer_name, mobile_no, and area. The bottom status bar shows the date and time: 14:18 13-06-2023.

output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The 'customer' table is selected. A query has been run: `select * from customer where customer_name like '%raj';`. The results show two rows:

customer_id	customer_name	mobile_no	area
80101	dinesh raj	9840212400	thuruniravar
80102	rakesh raj	9840312413	ambattur

Below the table, there are 'Query results operations' buttons: Print, Copy to clipboard, Export, Display chart, Create view, and a 'Bookmark this SQL query' section.

10. display the mobile number of the customers ends with 3.

input:

The screenshot shows the phpMyAdmin interface on a Windows 8.1 system. The left sidebar displays databases like b289, b305, b322, and others. The main area shows a SQL query window with the following content:

```
1 | SELECT mobile_no FROM customer WHERE mobile_no LIKE '%3'
```

Below the query, there are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. At the bottom, there are options for Delimiter, Show this query here again, Retain query box, Rollback when finished, and Enable foreign key checks, followed by a Go button. To the right of the query window, there is a table structure for the customer table:

customer_id	customer_name	mobile_no	area
-------------	---------------	-----------	------

The status bar at the bottom shows the taskbar with various icons and the date/time 14:26 13-06-2023.

output:

The screenshot shows the phpMyAdmin interface running in a Google Chrome browser window. The URL is `localhost/phpmyadmin/index.php?route=/table/sql&db=b322&table=customer`. The browser status bar indicates "To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1." A "Learn more" link is also present.

The phpMyAdmin sidebar shows databases like b289, b305, b322, and customer. The main query results page displays a single row from the customer table where `mobile_no` is `9840312413`.

Key elements visible include:

- Server: 127.0.0.1 Database: b322 Table: customer
- Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, Triggers tabs.
- Show query box: `SELECT mobile_no FROM customer WHERE mobile_no LIKE '%3';`
- Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)
- Profile, Edit inline, Explain SQL, Create PHP code, Refresh buttons.
- Show all, Number of rows: 25, Filter rows: Search this table.
- Extra options: `mobile_no`, value: `9840312413`.
- 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 input field, Let every user access this bookmark checkbox.
- Console tab.

EX-3 pg 16-17

student table:

The screenshot shows the PHPMyAdmin interface for a MySQL database named 'b322'. The current table is 'student_name'. The interface includes a toolbar with various operations like Browse, Structure, SQL, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. A message at the top states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' Below this, a green bar indicates 'Showing rows 0 - 6 (7 total, Query took 0.0005 seconds)'. The main area displays a table with the following data:

enroll_no	student_name	gender	course	total_fees
12014	RAM KUMAR	MALE	DCA	8400
12015	DAISY	FEMALE	HDCA	14800
12016	KERTHI	FEMALE	DCA	9000
12017	MUKESH	MALE	HDCA	14500
12018	ANANIYA	FEMALE	HDCA	14800
12019	KARAN	MALE	DCA	9000
12020	MARTIN THOMAS	MALE	DCA	8000

Below the table, there are sections for 'Query results operations' (Print view, Export, Display chart, Create view) and 'Bookmark this SQL query' (Label input field, Let every user access this bookmark). The bottom of the screen shows a taskbar with icons for File, Database, Table, View, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers, along with system status information (4:29 PM, 6/9/2023).

product table:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The current table is 'product'. The page displays the results of the SQL query: `SELECT * FROM `product``. The results show 10 rows of data with columns: product_id, description, quantity, and price.

product_id	description	quantity	price
1004	gb ddr4 ram	5	2100
1005	asus m5a78l-m motherboard	2	9852
1006	giga byte n305m motherboard	5	4890
1007	giga byte 78lmt motherboard	2	680
1008	dell 21.5 inch LEDmonitor	5	6200
1009	acer 24 inch LED monitor	5	8000
1010	sandisk ultra 32gb usb	10	550

Below the table, there are buttons for 'Query results operations' including Print view, Export, Display chart, and Create view. There is also a 'Bookmark this SQL query' section with a 'Label:' input field and a checkbox for 'Let every user access this bookmark'. A watermark for 'Activate Windows' is visible in the background.

1.all the quantity with 2 for all the products.

input:

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases (b319, b322, etc.) and tables (product, student_name, tab1, tab2). The main area displays a SQL query window with the following content:

```
1 SELECT * FROM product
```

Below the query, there are several buttons: **SELECT ***, **SELECT**, **INSERT**, **UPDATE**, **DELETE**, **Clear**, and **Format**. There is also a **Get auto-saved query** button and a **Bind parameters** checkbox. A **Bookmark this SQL query:** input field is present. At the bottom of the query window, there are checkboxes for **Delimiter** (set to ;), **Show this query here again** (checked), **Retain query box** (unchecked), **Rollback when finished** (unchecked), and **Enable foreign key checks** (checked). A **Go** button is located to the right of these checkboxes.

The results section shows a green message: **Showing rows 0 - 6 (7 total, Query took 0.0005 seconds.)** Below this, the query **SELECT * FROM product** is repeated. The results table has columns: **product_id**, **description**, **quantity**, and **price**. One row is visible: **1004 gb ddr4 ram** with **9** in the quantity column and **2100** in the price column. To the right of the results, there is a note: **Activate Windows** and **Go to PC settings to activate Windows.** The bottom status bar shows the date and time: **6/10/2023 1:39 PM**.

OUTPUT:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The left sidebar lists various databases and tables. The 'product' table is selected, and its data is displayed in a grid format. The table has columns: product_id, description, quantity, and price. The data is as follows:

product_id	description	quantity	price
1004	gb ddr4 ram	9	2100
1005	asus m5a78l-m motherboard	6	9852
1006	giga byte n305m motherboard	9	4890
1007	giga byte 78lmt motherboard	6	680
1008	dell 21.5 inch LEDmonitor	9	6200
1009	acer 24 inch LED monitor	9	8000
1010	sandisk ultra 32gb usb	14	550

Below the table, there are buttons for 'Print view', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' section is also present.

2.subtract 2nos. from quantity for products greater than 3000.

input:

The screenshot shows the phpMyAdmin interface for a database named 'b322'. The left sidebar lists databases like b319, b322, and b324. The 'product' table is selected under the 'b322' database. The main area contains an SQL query editor with the following code:

```
1 update product set quantity=quantity-2 where price >3000
```

Below the query, there are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark field. There are also checkboxes for 'Show this query here again', 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks'. A 'Simulate query' button and a 'Go' button are also present. A message at the bottom states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' Below the message, a green bar indicates: 'Showing rows 0 - 6 (7 total, Query took 0.0005 seconds.)'. The results section shows a single row with the following data:

description	quantity	price
Console	2	3000

At the bottom, there are links for 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A status bar at the bottom right shows 'Activate Windows' and the date '6/10/2023'.

output:

The screenshot shows the phpMyAdmin interface for the 'product' table in the 'b322' database. The left sidebar lists various databases and tables. The main area displays the table structure and data.

Table Structure:

product_id	description	quantity	price
1004	gb ddr4 ram	9	2100
1005	asus m5a78l-m motherboard	-2	9852
1006	giga byte n305m motherboard	1	4890
1007	giga byte 78lmt motherboard	6	680
1008	dell 21.5 inch LEDmonitor	1	6200
1009	acer 24 inch LED monitor	1	8000
1010	sandisk ultra 32gb usb	14	550

Query Results Operations:

- Print view
- Export
- Display chart
- Create view

Console:

```
SELECT * FROM product
```

Message Bar:

Activate Windows
Go to PC settings to activate Windows.

Bottom Bar:

1:45 PM
6/10/2023

3.increase the price by 5% for all the products whose quantity less than 5.

input:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The left sidebar lists databases like b319, b322, and b324. The 'student_name' table under 'b322' is selected. The main panel displays an SQL query in the 'Run SQL query/queries on table b322.student_name:' field:

```
1 update product set price=price+(price*0.05) where quantity <5
```

Below the query, there are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and a bookmark input field. To the right, a 'Columns' list shows fields: enroll_no, student_name, gender, course, and total_fees. At the bottom, there are options for Delimiter, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, Simulate query, and Go. A message bar at the bottom indicates 4 rows affected. The status bar at the bottom right shows the date and time: 1:47 PM 6/10/2023.

output:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'b322'. The left sidebar lists databases and tables, with 'product' selected under 'b322'. The main panel displays the results of a SQL query: 'SELECT * from product'. The results show 10 rows of data:

product_id	description	quantity	price
1004	gb ddr4 ram	9	2100
1005	asus m5a78l-m motherboard	-2	10862
1006	giga byte n305m motherboard	1	5392
1007	giga byte 78lmt motherboard	6	680
1008	dell 21.5 inch LEDmonitor	1	6836
1009	acer 24 inch LED monitor	1	8820
1010	sandisk ultra 32gb usb	14	550

Below the table, there are buttons for 'Query results operations' including Print view, Export, Display chart, and Create view. A 'Bookmark this SQL query' button is also present.

4.change the course by ADJP and fees by 9500 for the student MARTIN THOMAS.

INPUT:

The screenshot shows the phpMyAdmin interface on a Windows desktop. The title bar indicates the connection is to 'localhost / 127.0.0.1 / b322 / stu'. The left sidebar lists databases like b319, b322, and b324, with 'student_name' selected under b322. The main area shows the 'student_name' table structure with columns: enroll_no, student_name, gender, course, and total_fees. The SQL tab contains the following query:

```
update student_name set course='ADJP' and total_fees=9500 where student_name='MARTIN THOMAS'
```

Below the query, there are buttons for SELECT, INSERT, UPDATE, DELETE, and Format. The 'UPDATE' button is highlighted. There are also checkboxes for 'Bind parameters', 'Bookmark this SQL query:', and options for 'Delimiter' (set to ;), 'Show this query here again' (checked), 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks'. The status bar at the bottom right shows 'Activate Windows' and the date/time '6/10/2023 1:53 PM'.

OUTPUT:

The screenshot shows the phpMyAdmin interface for the 'student_name' table in the 'b322' database. The table structure is as follows:

enroll_no	student_name	gender	course	total_fees
12014	RAM KUMAR	MALE	DCA	8400
12015	DAISY	FEMALE	HDCA	14800
12016	KERTHI	FEMALE	DCA	9000
12017	MUKESH	MALE	HDCA	14500
12018	ANANIYA	FEMALE	HDCA	14800
12019	KARAN	MALE	DCA	9000
12020	MARTIN THOMAS	MALE	0	8000

The SQL query used is: `SELECT * FROM student_name`. The results show 7 total rows.

5.change name of the student to SNEKHA for the student id 12015.

input:

The screenshot shows the phpMyAdmin interface on a Windows desktop. The database 'b322' is selected, and the table 'student_name' is chosen. A SQL query is entered in the query box:

```
update student_name set student_name='snekha' where enroll_no=12015
```

The 'Columns' panel on the right lists the table's columns: enroll_no, student_name, gender, course, and total_fees. Below the query box, there are several buttons: SELECT*, SELECT, INSERT, UPDATE, DELETE, Clear, Format, Get auto-saved query, Bind parameters, and Bookmarks. At the bottom of the query box, there are options for Delimiter, Show this query here again, Retain query box, Rollback when finished, Enable foreign key checks, Simulate query, and Go.

An error message is displayed in a pink box:

Error

SQL query:

```
update student set student_name='snekha' where enroll_no=12015
```

MySQL said:

```
#1146 - Table 'b322.student' doesn't exist
```

At the bottom of the window, there is an 'Activate Windows' notice and a taskbar with various icons.

output:

The screenshot shows the phpMyAdmin interface for the 'student_name' table in the 'b322' database. The table structure is as follows:

enroll_no	student_name	gender	course	total_fees
12014	RAM KUMAR	MALE	DCA	8400
12015	snekhा	FEMALE	HDCA	14800
12016	KERTHI	FEMALE	DCA	9000
12017	MUKESH	MALE	HDCA	14500
12018	ANANIYA	FEMALE	HDCA	14800
12019	KARAN	MALE	DCA	9000
12020	MARTIN THOMAS	MALE	0	8000

The interface includes a sidebar with a tree view of databases and tables, and a top navigation bar with various database management options.

6. display all the products of price 500-2000.

input-output:

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, with 'product' selected under 'b322'. The main area shows a SQL query in the 'Run SQL query/queries on table b322.product:' field:

```
1 select * from product where price between 500 and 2000
```

The results table shows two rows of data:

product_id	description	quantity	price
1007	giga byte 78lmt motherboard	6	680
1010	sandisk ultra 32gb usb	14	550

At the bottom right, there is a message: "Activate Windows Go to PC settings to activate Windows." The system tray shows the date and time as 1:59 PM 6/10/2023.