

creating table tab1:

```
create table tab1(  
    id1 int,  
    name1 varchar(10),  
    salary1 int  
)
```

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: naresh, New, information_schema, performance_schema, and others. The 'naresh' database is selected. Inside 'naresh', the 'Tables' section shows 'tab1' and 'tab2'. The 'Structure' tab for 'tab1' is open, displaying the columns: id1, name1, and salary1. The 'SQL' tab contains the query: 'SELECT * FROM `tab1`'. The status bar at the bottom right shows 'Near record' and the date '6/8/2023'.

creating table tab2:

```
create table tab2(  
    id2 int,  
    name2 varchar(10),
```

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists databases and tables. The 'tab1' table under the 'naresh' database is selected. The SQL tab contains the query: `SELECT * FROM `tab1``. The results show 4 rows:

| id1 | name1 | salary1 |
|-----|----------|---------|
| 1 | rephel | 12900 |
| 2 | subha | 18000 |
| 4 | divya | 45909 |
| 6 | nandhini | 56784 |

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

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists databases and tables. The 'tab2' table under the 'naresh' database is selected. The SQL tab contains the query: `SELECT * FROM `tab2``. The results show 0 rows: "MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)". Below the results, there is a 'Create view' button.

salalary int

)

Inserting the values in tab1 and tab2:

```
insert into tab1 values(1,"rephel",12900),(2,"subha",18000),(4,"divya",45909),
(6,"nandhini",56784)
```

```
insert into tab2 values(1,"rephel",12900),(2,"subha",18000),
(3,"nancy",45909),(5,"ram",56784)
```

inner join:

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

The screenshot shows the phpMyAdmin interface for a database named 'naresh'. The left sidebar lists various databases and tables. The main window displays the results of a query: 'select*from tab1 inner join tab2 on tab1.id1=tab2.id2;'. The results are shown in a grid:

| id1 | name1 | salary1 | id2 | name2 | salary1 |
|-----|--------|---------|-----|--------|---------|
| 1 | rephel | 12900 | 1 | rephel | 12900 |
| 2 | subha | 18000 | 2 | subha | 18000 |

The screenshot shows the phpMyAdmin interface for a database named 'naresh'. The left sidebar lists various databases and tables. The main window displays the results of a query: 'SELECT * FROM `tab2`'. The results are shown in a grid:

| id2 | name2 | salary1 |
|-----|--------|---------|
| 1 | rephel | 12900 |
| 2 | subha | 18000 |
| 3 | nancy | 45909 |
| 5 | ram | 56784 |

left join:

select*from tab1 left join tab2 on tab1.id1=tab2.id2

The screenshot shows the phpMyAdmin interface on a Windows desktop. The database selected is 'naresh' and the table is 'tab1'. 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, it says 'Showing rows 0 - 3 (4 total, Query took 0.0162 seconds.)'. The query entered is 'select*from tab1 left join tab2 on tab1.id1=tab2.id2;'. The results table has columns: id1, name1, salary1, id2, name2, salary1. The data is:

| id1 | name1 | salary1 | id2 | name2 | salary1 |
|-----|----------|---------|------|--------|---------|
| 1 | rephel | 12900 | 1 | rephel | 12900 |
| 2 | subha | 18000 | 2 | subha | 18000 |
| 4 | divya | 45909 | NULL | NULL | NULL |
| 6 | nandhini | 56784 | NULL | NULL | NULL |

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 as 6/8/2023, 7:51 AM.

right join:

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

localhost / 127.0.0.1 / naresh / tab1 +

localhost/phpmyadmin/index.php?route=/table/sql&db=naresh&table=tab1

Server: 127.0.0.1 Database: naresh Table: tab1

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

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 - 3 (4 total, Query took 0.0004 seconds.)

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

[Edit inline] [Edit] [Create PHP code]

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

Extra options

| id1 | name1 | salary1 | id2 | name2 | salary1 |
|------|--------|---------|-----|--------|---------|
| 1 | rephel | 12900 | 1 | rephel | 12900 |
| 2 | subha | 18000 | 2 | subha | 18000 |
| NULL | NULL | NULL | 3 | nancy | 45909 |
| NULL | NULL | NULL | 5 | ram | 56784 |

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

Query results operations

Print Copy to clipboard Export Display chart Create view

Activate Windows Go to Settings to activate Windows.

Console

Type here to search

| id1 | name1 | salary1 | id2 | name2 | salary1 |
|------|--------|---------|-----|--------|---------|
| 1 | rephel | 12900 | 1 | rephel | 12900 |
| 2 | subha | 18000 | 2 | subha | 18000 |
| NULL | NULL | NULL | 3 | nancy | 45909 |
| NULL | NULL | NULL | 5 | ram | 56784 |

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

using aliases:

```
select t1.id1,t2.id2 from tab1 as t1 right join tab2 as t2 on t1.id1=t2.id2
```

```
create table tab3(color varchar(20))
```

```
create table tab4(size varchar(20))
```

```
insert into tab3 values("red"),("blue")
```

```
insert into tab4 values("small"),("medium"),("large"),("extra large")
```

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists databases and tables, including 'tab3'. The main area displays the results of a SELECT query: 'color' with values 'red' and 'blue'. Below the results are various operations like Print, Copy to clipboard, Export, Display chart, and Create view.

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists databases and tables, including 'product'. The main area displays the results of a SELECT query on the 'product' table, showing columns: product_id, description, quantity, and price. The data includes various computer components like RAM, motherboards, and SSDs.

| product_id | description | quantity | price |
|------------|----------------------|----------|-------|
| 1004 | 4GB DDR4 RAM | 7 | 2100 |
| 1005 | ASUS M5A78L-M MOTHER | 4 | 9852 |
| 1006 | GIGABYTE N3050M MOTH | 7 | 4890 |
| 1007 | GIGABYTE 78LMT MOTE | 4 | 6800 |
| 1008 | DELL 21.5 INCH LED M | 7 | 6200 |
| 1009 | ACER 24 INCH LED MON | 7 | 8000 |
| 1010 | SANDISK ULTRA 32GB U | 12 | 550 |

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1
- Database:** naresh
- Table:** tab1
- Query Result:** A cross join between tab1 and tab2, resulting in 4 rows.

| id1 | id2 |
|------|-----|
| 1 | 1 |
| 2 | 2 |
| NULL | 3 |
| NULL | 5 |

- Operations:** Print, Copy to clipboard, Export, Display chart, Create view.

cross join:

select*from tab3 cross join tab4

ADDING 2 OF QUNTY

UPDATE product SET qunty = qunty + 2

Input:

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1
- Database:** naresh
- Table:** tab4
- Query Result:** An UPDATE query to increase the quantity of products by 2.

```
SELECT * FROM `tab4`
```

- Operations:** Print, Copy to clipboard, Export, Display chart, Create view.

```
create table student(  
    enroll_no int,  
    student_name varchar(20),
```

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: keerthi, kumar, lavis b363, log1, modification b288, mysql, nandhu, naresh (selected), New, tab1, tab2, tab3, tab4, naveen, performance_schema, phpmyadmin, priya, rishera, rishi, sonika, status, test, vb, vpriya, and yuva123. The main area displays a query results page for the 'naresh' database, specifically for the 'tab3' table. The query shown is:

```
select * from tab3 cross join tab4;
```

The results table has two columns: 'color' and 'size'. The data is as follows:

| color | size |
|-------|-------------|
| red | small |
| blue | small |
| red | medium |
| blue | medium |
| red | large |
| blue | large |
| red | extra large |
| blue | extra large |

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

```
gender varchar(2),  
course varchar(10),  
total_fees int  
)
```

Output:

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: b419, cscb302, New, student, csv_db_32, database_b288, december, december_2, deepak, deepakb343, dileepkumar, information_schema, keerthi, kumar, lavs_b363, log1, modification_b288, mysql, nandhu, naresh, naveen, performance_schema, phpmyadmin, priya, nisheray. The main panel shows the 'student' table from the 'cscb302' database. A query in the SQL tab is: 'SELECT * FROM `student`'. The results pane displays: 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0007 seconds.)'. Below the results is a 'Query results operations' section with a 'Create view' button. The status bar at the bottom right shows: 'Activate Windows Go to Settings to activate Windows.', '30°C Mostly sunny 7:37 AM 6/9/2023'.

Input:

create table products(

product_id int,

description varchar(30),

quantity int,

price int

}

Output:

The screenshot shows the phpMyAdmin interface for the database 'cscb302'. The left sidebar lists databases and tables, including 'products' under 'cscb302'. The main area displays a query results page for the 'products' table. The status bar at the top indicates 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)'. The SQL query shown is 'SELECT * FROM `products`'. Below the query, there are tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', and 'Triggers'. A message in the bottom right corner says 'Activate Windows Go to Settings to activate Windows.'

Importing the values in table products:

The screenshot shows the phpMyAdmin interface for the database 'cscb302'. The left sidebar lists databases and tables, including 'products' under 'cscb302'. The main area displays a query results page for the 'products' table. The status bar at the top indicates 'Showing rows 0 - 6 (7 total, Query took 0.0003 seconds.)'. The SQL query shown is 'SELECT * FROM `products`'. Below the query, there are tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', and 'Triggers'. The data table shows the following entries:

| product_id | description | quantity | price |
|------------|-----------------------------|----------|-------|
| 1004 | 4GB DDR4 RAM | 5 | 2100 |
| 1005 | ASUS M5A78L-M MOTHERBOARD | 2 | 9852 |
| 1006 | GIGABYTE N3050M MOTHERBOARD | 5 | 4890 |
| 1007 | GIGABYTE 78LMT MOTHERBOARD | 2 | 6800 |
| 1008 | DELL 21.5 INCH LED MONITER | 5 | 6200 |
| 1009 | ACER 24 INCH LED MONITER | 5 | 8000 |
| 1010 | SANDISK ULTRA 32GB USB | 10 | 550 |

The bottom right corner shows a message: 'Activate Windows Go to Settings to activate Windows.'

Inserting the values in table student:

Insert into student values

(12014,"ram kumar","M","DCA",8400),

**(12015,"DAISY","F","HDCA",14800),(12016,"KEERTHI","F","DC
A",9000),(12017,"MUKESH","M","HDCA",14500),**

(12018,"ANANYA","F","HDCA",14800),(12019,"KARAN","M",

"DCA",9000),(12020,"MARTIN THOMAS","M","DCA",8000)

OUTPUT:

The screenshot shows the phpMyAdmin interface for a database named 'cscb302'. The 'student' table is selected. The table structure includes columns: 'enroll_no', 'student_name', 'gender', 'course', and 'total_fees'. The data grid displays the following rows:

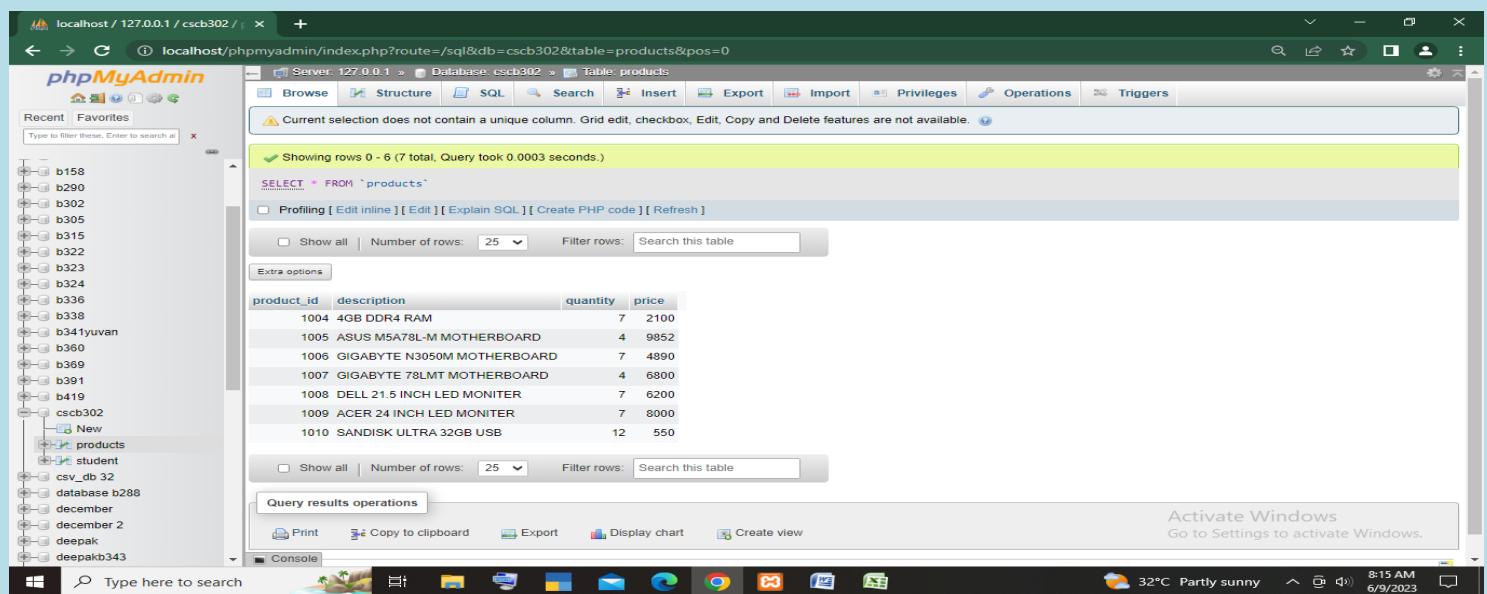
| enroll_no | student_name | gender | course | total_fees |
|-----------|---------------|--------|--------|------------|
| 12014 | RAM KUMAR | MA | DCA | 8400 |
| 12015 | DAISY | FE | HDCA | 14800 |
| 12016 | KEERTHI | FE | DCA | 9000 |
| 12017 | MUKESH | MA | HDCA | 14500 |
| 12018 | ANANYA | FE | HDCA | 14800 |
| 12019 | KARAN | MA | DCA | 9000 |
| 12020 | MARTIN THOMAS | MA | DCA | 8000 |

The interface also shows a SQL query at the top: 'SELECT * FROM `student`'. The status bar at the bottom right indicates: 'Activate Windows Go to Settings to activate Windows.'

QUESTIONS:

1.ADD ALL QUANTITY WITH 2 FOR ALL THE PRODUCTS?

ANS: UPDATE PRODUCTS SET quantity=quantity + 2

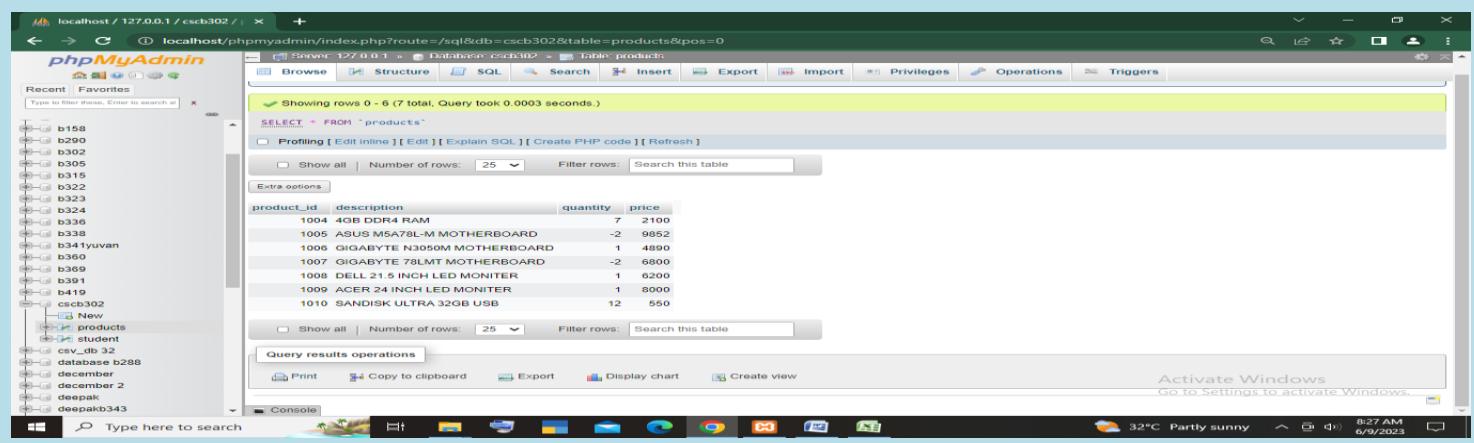


The screenshot shows the phpMyAdmin interface for the 'products' table in the 'cscb302' database. The table has columns: product_id, description, quantity, and price. The data is as follows:

| product_id | description | quantity | price |
|------------|-----------------------------|----------|-------|
| 1004 | 4GB DDR4 RAM | 7 | 2100 |
| 1005 | ASUS M5A78L-M MOTHERBOARD | 4 | 9852 |
| 1006 | GIGABYTE N3050M MOTHERBOARD | 7 | 4890 |
| 1007 | GIGABYTE 78LMT MOTHERBOARD | 4 | 6800 |
| 1008 | DELL 21.5 INCH LED MONITER | 7 | 6200 |
| 1009 | ACER 24 INCH LED MONITER | 7 | 8000 |
| 1010 | SANDISK ULTRA 32GB USB | 12 | 550 |

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

Ans: update products set quantity = quantity - 2 where price >



The screenshot shows the phpMyAdmin interface for the 'products' table in the 'cscb302' database after running the update query. The table now shows the following data:

| product_id | description | quantity | price |
|------------|-----------------------------|----------|-------|
| 1004 | 4GB DDR4 RAM | 7 | 2100 |
| 1005 | ASUS M5A78L-M MOTHERBOARD | -2 | 9852 |
| 1006 | GIGABYTE N3050M MOTHERBOARD | 1 | 4890 |
| 1007 | GIGABYTE 78LMT MOTHERBOARD | -2 | 6800 |
| 1008 | DELL 21.5 INCH LED MONITER | 1 | 6200 |
| 1009 | ACER 24 INCH LED MONITER | 1 | 8000 |
| 1010 | SANDISK ULTRA 32GB USB | 12 | 550 |

3000

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

Ans: update products set price = price + (price*0.05) where quantity < 5

The screenshot shows the phpMyAdmin interface for a MySQL database named 'cscb302'. The 'products' table is selected. The table has columns: product_id, description, quantity, and price. The data is as follows:

| product_id | description | quantity | price |
|------------|-----------------------------|----------|-------|
| 1004 | 4GB DDR4 RAM | 7 | 2100 |
| 1005 | ASUS M5A78L-M MOTHERBOARD | -2 | 10345 |
| 1006 | GIGABYTE N3050M MOTHERBOARD | 1 | 5135 |
| 1007 | GIGABYTE 78LMT MOTHERBOARD | -2 | 7140 |
| 1008 | DELL 21.5 INCH LED MONITER | 1 | 6510 |
| 1009 | ACER 24 INCH LED MONITER | 1 | 8400 |
| 1010 | SANDISK ULTRA 32GB USB | 12 | 550 |

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

ANS: update student set course = 'ADJP' and total_fees = 9500

Where student_name = 'MARTIN THOMAS'

localhost / 127.0.0.1 / cscb302 / +

localhost/phpmyadmin/index.php?route=/sql&db=cscb302&table=student&pos=0

phpMyAdmin

Server: 127.0.0.1 > Database: cscb302 > Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

0 rows affected. (Query took 0.0003 seconds.)

```
UPDATE student SET course = "ADJP" AND total_fees = 9500 WHERE student_name = "MARTIN THOMAS";
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1292 Truncated incorrect DOUBLE value:'ADJP'

Activate Windows
Go to Settings to activate Windows.

Type here to search

8:47 AM 6/9/2023

5.CHANGE NAME OF THE STUDENT TO SNEKHA FOR THE STUDENT ID 12015?

Ans: UPDATE student SET student_name = "SNEKHA" WHERE enroll_no = 12015

localhost / 127.0.0.1 / cscb302 / +

localhost/phpmyadmin/index.php?route=/sql&db=cscb302&table=student&pos=0

phpMyAdmin

Server: 127.0.0.1 > Database: cscb302 > Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 6 (7 total, Query took 0.0003 seconds.)

```
SELECT * FROM `student`
```

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

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

| enroll_no | student_name | gender | course | total_fees |
|-----------|----------------|--------|--------|------------|
| 12014 | RAM KUMAR | MA | DCA | 8400 |
| 12015 | SNEKHA | FE | HDCA | 14800 |
| 12016 | KEERTHI | FE | DCA | 9000 |
| 12017 | MUKESH | MA | HDCA | 14500 |
| 12018 | ANANYA | FE | HDCA | 14800 |
| 12019 | KARAN | MA | DCA | 9000 |
| 12020 | MARTHIN THOMAS | MA | DCA | 8000 |

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

Query results operations

Print Copy to clipboard Export Display chart Create view

Activate Windows
Go to Settings to activate Windows.

Type here to search

8:54 AM 6/9/2023

6. display all the product of price 500-2000?

ANS: select*from products WHERE price BETWEEN 500 AND 2000

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, with 'products' selected under 'cscb302'. The main area displays the results of a query: 'select*from products WHERE price BETWEEN 500 AND 2000;'. The result set contains one row:

| product_id | description | quantity | price |
|------------|------------------------|----------|-------|
| 1010 | SANDISK ULTRA 32GB USB | 12 | 550 |

Below the table are options to print, copy to clipboard, export, display chart, or create view.

CREATING TABLE CUSTOMERS:

create table customers(

customerid int unsigned ,

customername varchar(30),

mobileno BIGINT(10),

area varchar(20)

)

The screenshot shows the phpMyAdmin interface for the 'customers' table in the 'cscb302' database. The left sidebar lists databases and tables, including 'customers'. The main query results area displays the message: "MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)". Below this, a SQL query is shown: "SELECT * FROM `customers`". The table structure for 'customers' is listed with columns: customerid, customername, mobileno, and area.

after importing the values:

The screenshot shows the phpMyAdmin interface for the 'customers' table in the 'cscb302' database. The left sidebar lists databases and tables, including 'customers'. The main query results area displays the message: "Showing rows 0 - 8 (9 total, Query took 0.0003 seconds.)". Below this, a SQL query is shown: "SELECT * FROM `customers`". The table structure for 'customers' is listed with columns: customerid, customername, mobileno, and area. The data grid shows 9 rows of customer information.

| customerid | customername | mobileno | area |
|------------|--------------|------------|---------------|
| 80101 | DINESH RAJ | 9840212400 | THIRUNINRAVUR |
| 80102 | RAKESH RAJ | 9840312413 | AMBATTUR |
| 80103 | SUMATHI | 9789096200 | PERUNGUDI |
| 80104 | SHANKARAN | 8120191091 | THIRUNINRAVUR |
| 80105 | RAHUL | 9000234121 | THIRUNINRAVUR |
| 80106 | DIVAKAR | 9840312222 | PERUNGUDI |
| 80107 | DHARMENDAR | 9804316666 | THIRUNINRAVUR |
| 80108 | SHANMUGAM | 8120878787 | AMBATTUR |
| 80109 | PURUSOTH | 9080403020 | THIRUNINRAVUR |

QUESTIONS:

1. DISPLAY ALL AREAS WHERE THE CUSTOMER IS LIVING?

The screenshot shows the phpMyAdmin interface for the 'customer' table. The table has 9 rows, each containing the value 'THIRUNINRAVUR' in the 'area' column. The SQL query used is:

```
SELECT area FROM customer;
```

2.DISPLAY THE FIRST 3 ROWS IN CUSTOMER TABLE?

The screenshot shows the phpMyAdmin interface for the 'customer' table. The results show the first 3 rows of the table, which are:

| customerid | customername | mobileno | area |
|------------|--------------|------------|---------------|
| 80101 | DINESH RAJ | 9840212400 | THIRUNINRAVUR |
| 80102 | RAKESH RAJ | 9840312413 | AMBATTUR |
| 80103 | SUMATHI | 9789096200 | PERUNGUDI |

3.DISPLAY ALL THE CUSTOMERS WHO WERE LIVING IN THIRUNINRAVUR?

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, with 'customer' selected under the 'naresh' database. The main area displays the results of a SQL query: 'SELECT * FROM customer WHERE area="THIRUNINRAVUR";'. The results table shows five rows of data:

| customerid | customername | mobileno | area |
|------------|--------------|------------|---------------|
| 80101 | DINESH RAJ | 9840212400 | THIRUNINRAVUR |
| 80104 | SHANKARAN | 8120191091 | THIRUNINRAVUR |
| 80105 | RAHUL | 9000234121 | THIRUNINRAVUR |
| 80107 | DHARMENDAR | 9804316666 | THIRUNINRAVUR |
| 80109 | PURUSOTH | 9080403020 | THIRUNINRAVUR |

The desktop taskbar at the bottom shows various application icons and the system status bar indicates it's 8:24 AM on 6/12/2023.

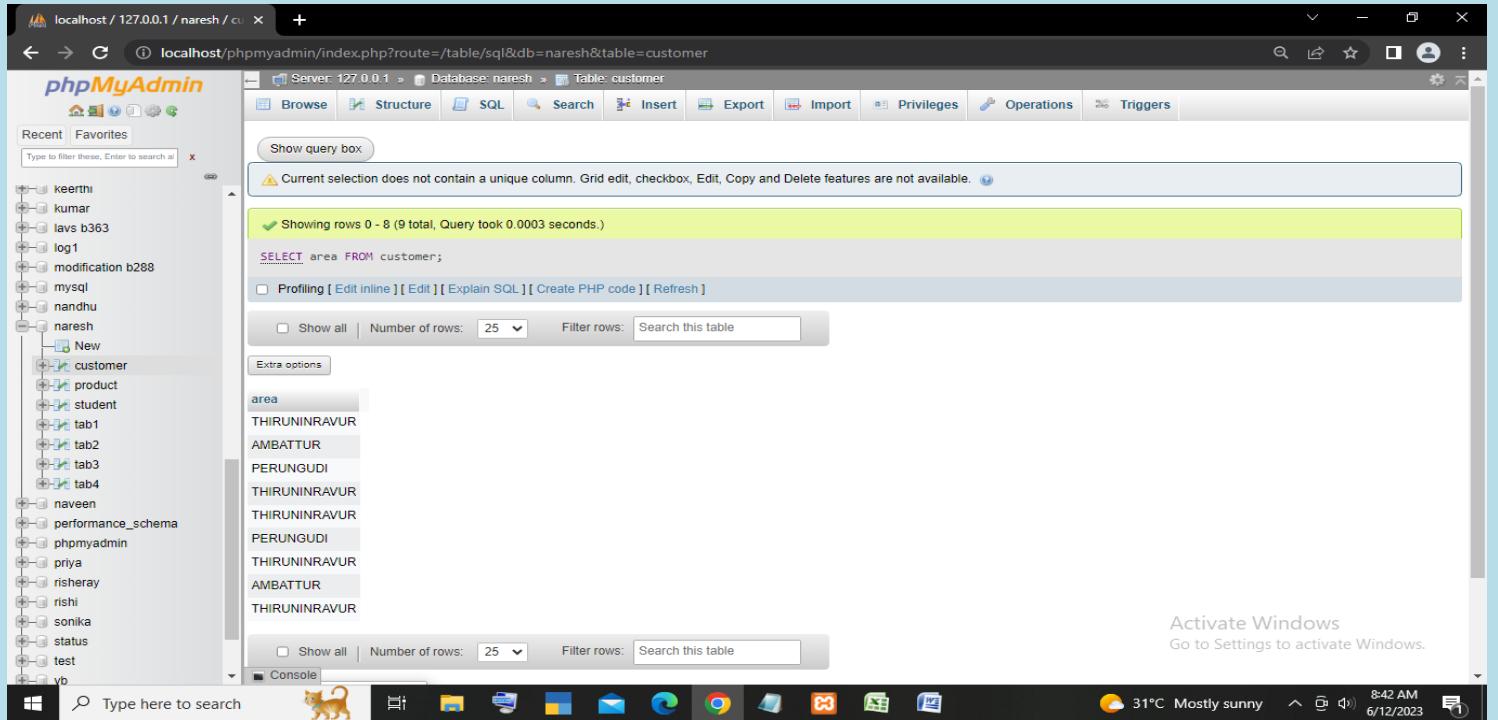
4.DISPLAY ALL THE CUSTOMERS BY ARRANGEING THEIR NAME IN DESENDING ORDER?

A screenshot of the phpMyAdmin interface on a Windows desktop. The browser window title is "localhost / 127.0.0.1 / naresh / customer". The phpMyAdmin sidebar shows databases like keerthi, kumar, lavs b363, log1, modification b288, mysql, nandhu, naresh (selected), New, product, student, tab1, tab2, tab3, tab4, naveen, performance_schema, phpmysqladmin, priya, rishray, rishi, sonika, status, test, and vb. The main content area shows the "customer" table with 9 rows. A message at the top says "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available." Below it, a green message says "Showing rows 0 - 8 (9 total, Query took 0.0003 seconds.) [customername: SUMATHI... - DHARMENDAR...]" and displays the SQL query "SELECT * FROM customer ORDER BY customername DESC;". The table has columns: customerid, customername, mobileno, and area. The data includes rows for SUMATHI, SHANMUGAM, SHANKARAN, RAKESH RAJ, RAHUL, PURUSOTH, DIVAKAR, DINESH RAJ, and DHARMENDAR. The bottom right of the screen shows a Windows taskbar with icons for File Explorer, Mail, Photos, and others, and a system tray with battery level, signal strength, and date/time.

5.DISPLAY ALL THE CUSTOMERS WHOSE NAME STARTS BY'D'?

A screenshot of the phpMyAdmin interface on a Windows desktop, similar to the previous one but with a different query. The browser window title is "localhost / 127.0.0.1 / naresh / customer". The phpMyAdmin sidebar is identical. The main content area shows the "customer" table with 3 rows. A message at the top says "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available." Below it, a green message says "Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)" and displays the SQL query "SELECT * FROM customer WHERE customername like '%D%'". The table has columns: customerid, customername, mobileno, and area. The data includes rows for DINESH RAJ, DIVAKAR, and DHARMENDAR. The bottom right of the screen shows a Windows taskbar with icons for File Explorer, Mail, Photos, and others, and a system tray with battery level, signal strength, and date/time.

6.FIND OUT THE AREA OF ALL CUSTOMERS THOSE ID GREATER



The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, with 'customer' selected. The main area displays the results of a SQL query: 'SELECT area FROM customer;'. The results show the 'area' column with values: THIRUNINRAVUR, AMBATTUR, PERUNGUDI, THIRUNINRAVUR, THIRUNINRAVUR, PERUNGUDI, THIRUNINRAVUR, AMBATTUR, and THIRUNINRAVUR. The desktop taskbar at the bottom shows various application icons and the system clock.

```
localhost / 127.0.0.1 / naresh / customer
localhost/phpmyadmin/index.php?route=/table/sql&db=naresh&table=customer
phpMyAdmin
Recent | Favorites
Type to filter these. Enter to search all
keerthi
kumar
lavs b363
log1
modification b288
mysql
nandhu
naresh
New
customer
product
student
tab1
tab2
tab3
tab4
naveen
performance_schema
phpmyadmin
priya
risheray
rishi
sonika
status
test
vb
Server: 127.0.0.1 > Database: naresh > Table: customer
Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Triggers
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 - 8 (9 total, Query took 0.0003 seconds.)
SELECT 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
THIRUNINRAVUR
AMBATTUR
PERUNGUDI
THIRUNINRAVUR
THIRUNINRAVUR
PERUNGUDI
THIRUNINRAVUR
AMBATTUR
THIRUNINRAVUR
Show all | Number of rows: 25 | Filter rows: Search this table
Console
Activate Windows
Go to Settings to activate Windows.
31°C Mostly sunny 8:42 AM 6/12/2023
```

THAN 80109?

7.DISPLAY ALL THE CUSTOMERS BY ARRANGING THEIR NAME , AREA WISE?

The screenshot shows the phpMyAdmin interface for the 'customer' table in the 'naresh' database. The left sidebar lists databases and tables. The main area displays the results of a query: 'SELECT customername FROM customer GROUP BY area ASC;'. The results show three rows: RAKESH RAJ, SUMATHI, and DINESH RAJ. Below the results are various operations like Print, Copy to clipboard, Export, Display chart, and Create view.

Showing rows 0 - 2 (3 total, Query took 0.0217 seconds.)

SELECT customername FROM customer GROUP BY area ASC;

customername

RAKESH RAJ
SUMATHI
DINESH RAJ

Query results operations

Print Copy to clipboard Export Display chart Create view

8.DISPLAY MOBILE NUMBERS OF THE CUSTOMERS IN AMBATTUR, PERUNGUDI?

The screenshot shows the phpMyAdmin interface for the 'customer' table in the 'naresh' database. The left sidebar lists databases and tables. The main area displays the results of a query: 'SELECT mobileno FROM customer WHERE area='AMBATTUR';'. The results show two rows: 9840312413 and 8120878787. Below the results are various operations like Print, Copy to clipboard, Export, Display chart, and Create view.

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

SELECT mobileno FROM customer WHERE area='AMBATTUR';

mobileno

9840312413
8120878787

Query results operations

Print Copy to clipboard Export Display chart Create view

localhost / 127.0.0.1 / naresh / customer

localhost/phpmyadmin/index.php?route=/table/sql&db=naresh&table=customer

phpMyAdmin

Server: 127.0.0.1 > Database: naresh > Table: customer

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

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 - 1 (2 total, Query took 0.0003 seconds.)

SELECT mobileno FROM customer WHERE area='PERUNGUDI';

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

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

Extra options

mobileno

| |
|------------|
| 9789096200 |
| 9840312222 |

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

Query results operations

Print Copy to clipboard Export Display chart Create view

Activate Windows Go to Settings to activate Windows.

Type here to search

Console

Detailed description: This screenshot shows the 'customer' table from the 'naresh' database in phpMyAdmin. A query has been run to select the 'mobileno' column where the 'area' is 'PERUNGUDI'. The result set contains two rows. The interface includes a sidebar with a tree view of databases and tables, and a bottom navigation bar with various icons.

9.DISPLAY ALL THE CUSTOMERS OF NAME ENDS WITH 'RAJ'?

The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases and tables, with 'customer' selected under the 'naresh' database. The main area displays the results of a SQL query: 'SELECT * FROM customer WHERE customername like '% RAJ';'. The results show two rows:

| customerid | customername | mobileno | area |
|------------|--------------|------------|---------------|
| 80101 | DINESH RAJ | 9840212400 | THIRUNINRAVUR |
| 80102 | RAKESH RAJ | 9840312413 | AMBATTUR |

The Windows taskbar at the bottom shows the date as 6/12/2023 and the time as 8:58 AM.

IMPORTING RETENTION TABLE:

localhost / 127.0.0.1 / naresh / +

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=naresh&table=retention

phpMyAdmin

Server: 127.0.0.1 » Database: naresh » Table: retention

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

| user_id | logtime | event_sequence_no | day |
|---------|----------------|-------------------|-----|
| G#45175 | 3/1/2020 7:29 | 4 | 1 |
| G#45176 | 3/1/2020 7:39 | 4 | 1 |
| G#45177 | 3/1/2020 7:48 | 0 | 1 |
| G#45178 | 3/1/2020 7:55 | 1 | 1 |
| G#45178 | 3/1/2020 7:56 | 5 | 1 |
| G#45179 | 3/1/2020 9:51 | 3 | 1 |
| G#45180 | 3/1/2020 13:27 | 1 | 1 |
| G#45180 | 3/1/2020 13:27 | 3 | 1 |
| G#45180 | 3/1/2020 13:27 | 5 | 1 |
| G#45181 | 3/1/2020 13:38 | 5 | 1 |
| G#45181 | 3/1/2020 13:45 | 2 | 1 |
| G#45182 | 3/1/2020 14:10 | 0 | 1 |
| G#45182 | 3/1/2020 14:11 | 5 | 1 |
| G#45183 | 3/1/2020 14:26 | 4 | 1 |
| G#45184 | 3/1/2020 15:07 | 0 | 1 |
| G#45185 | 3/1/2020 15:10 | 3 | 1 |
| G#45186 | 3/1/2020 15:16 | 0 | 1 |
| G#45186 | 3/1/2020 15:17 | 2 | 1 |
| G#45187 | 3/1/2020 15:39 | 0 | 1 |
| G#45188 | 3/1/2020 15:40 | 0 | 1 |
| G#45188 | 3/1/2020 15:40 | 4 | 1 |
| G#45189 | 3/1/2020 15:40 | 2 | 1 |
| G#45189 | 3/1/2020 15:40 | 4 | 1 |

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31°C Haze 8:42 AM 6/13/2023

IMPORTING SALES TABLE:

localhost / 127.0.0.1 / naresh / +

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=naresh&table=sales

phpMyAdmin

Server: 127.0.0.1 » Database: naresh » Table: sales

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

| name | year | NA_SALES | EU_SALES | JP_SALES | other_sales | global_sales |
|--------------------------------|------|----------|----------|----------|-------------|--------------|
| Mario Kart VII | 2008 | 15.85 | 12.88 | 3.79 | 3.31 | 35.82 |
| Wii Sports Resort | 2009 | 15.75 | 11.01 | 3.28 | 2.96 | 33 |
| Pokemon Red/Pokemon Blue | 1996 | 11.27 | 8.89 | 10.22 | 1 | 31.37 |
| Tetris | 1989 | 23.2 | 2.26 | 4.22 | 0.58 | 30.26 |
| New Super Mario Bros. | 2006 | 11.38 | 9.23 | 6.5 | 2.9 | 30.01 |
| Wii Play | 2006 | 14.03 | 9.2 | 2.93 | 2.85 | 29.02 |
| New Super Mario Bros. Wii | 2009 | 14.59 | 7.06 | 4.7 | 2.26 | 28.62 |
| Duck Hunt | 1984 | 26.93 | 0.63 | 0.28 | 0.47 | 28.31 |
| Nintendogs | 2005 | 9.07 | 11 | 1.93 | 2.75 | 24.76 |
| Mario Kart DS | 2005 | 9.81 | 7.57 | 4.13 | 1.92 | 23.42 |
| Pokemon Gold/Pokemon Silver | 1999 | 9 | 6.18 | 7.2 | 0.71 | 23.1 |
| Wii Fit | 2007 | 8.94 | 8.03 | 3.6 | 2.15 | 22.72 |
| Wii Fit Plus | 2009 | 9.09 | 8.59 | 2.53 | 1.79 | 22 |
| Kinect Adventures! | 2010 | 14.97 | 4.94 | 0.24 | 1.67 | 21.82 |
| Grand Theft Auto V | 2013 | 7.01 | 9.27 | 0.97 | 4.14 | 21.4 |
| Grand Theft Auto: San Andreas | 2004 | 9.43 | 0.4 | 0.41 | 10.57 | 20.81 |
| Super Mario World | 1990 | 12.78 | 3.75 | 3.54 | 0.55 | 20.61 |
| Brain Age: Train Your Brain in | 2005 | 4.75 | 9.26 | 4.16 | 2.05 | 20.22 |
| Pokemon Diamond/Pokemon Pearl | 2006 | 6.42 | 4.52 | 6.04 | 1.37 | 18.36 |
| Super Mario Land | 1989 | 10.83 | 2.71 | 4.18 | 0.42 | 18.14 |
| Super Mario Bros. 3 | 1988 | 9.54 | 3.44 | 3.84 | 0.46 | 17.28 |
| Grand Theft Auto V | 2013 | 9.63 | 5.31 | 0.06 | 1.38 | 16.38 |
| Grand Theft Auto: Vice City | 2002 | 8.41 | 5.49 | 0.47 | 1.78 | 16.15 |
| Pokemon Ruby/Pokemon Sapphire | 2002 | 6.06 | 3.9 | 5.38 | 0.5 | 15.85 |

Activate Windows
Go to Settings to activate Windows.

31°C Haze 8:39 AM 6/13/2023

IMPORTING VIDEO GAMES TABLE:

localhost / 127.0.0.1 / naresh / +

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=naresh&table=video_game

phpMyAdmin

Server: 127.0.0.1 > Database: naresh > Table: video_game

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

| name | genre | publisher | platform |
|--|--------------|-----------------------|----------|
| Mario Kart VII | Racing | Nintendo | VII |
| Wii Sports Resort | Sports | Nintendo | Wii |
| Pokemon Red/Pokemon Blue | Role-Playing | Nintendo | GB |
| Tetris | Puzzle | Nintendo | GB |
| New Super Mario Bros. | Platform | Nintendo | DS |
| Wii Play | Misc | Nintendo | Wii |
| New Super Mario Bros. Wii | Platform | Nintendo | Wii |
| Duck Hunt | Shooter | Nintendo | NES |
| Nintendogs | Simulation | Nintendo | DS |
| Mario Kart DS | Racing | Nintendo | DS |
| Pokemon Gold/Pokemon Silver | Role-Playing | Nintendo | GB |
| Wii Fit | Sports | Nintendo | Wii |
| Wii Fit Plus | Sports | Nintendo | Wii |
| Kinect Adventures! | Misc | Microsoft Game Studio | X360 |
| Grand Theft Auto V | Action | Take-Two Interactive | PS3 |
| Grand Theft Auto: San Andreas | Action | Take-Two Interactive | PS2 |
| Super Mario World | Platform | Nintendo | SNES |
| Brain Age: Train Your Brain in Minutes a | Misc | Nintendo | DS |
| Pokemon Diamond/Pokemon Pearl | Role-Playing | Nintendo | DS |
| Super Mario Land | Platform | Nintendo | GB |
| Super Mario Bros. 3 | Platform | Nintendo | NES |
| Grand Theft Auto V | Action | Take-Two Interactive | X360 |
| Grand Theft Auto: Vice City | Action | Take-Two Interactive | PS2 |
| Pokemon Sapphire | Role-Playing | Nintendo | GBA |

Activate Windows
Go to Settings to activate Windows.

Type here to search

31°C Haze 8:43 AM 6/13/2023

CASE STUDY:

ANS:

A.)

localhost / 127.0.0.1 / naresh / +

localhost/phpmyadmin/index.php?route=/table/sql&db=naresh&table=retention

phpMyAdmin

Server: 127.0.0.1 > Database: naresh > Table: retention

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

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

Showing rows 0 - 499 (2374 total, Query took 0.0018 seconds.)

SELECT * FROM `retention` WHERE day IN(1,3,7);

Number of rows: 500 Filter rows: Search this table

| user_id | logtime | event_sequence_nos | day |
|---------|----------------|--------------------|-----|
| G#45175 | 3/1/2020 7:29 | 2 | 1 |
| G#45175 | 3/1/2020 7:29 | 4 | 1 |
| G#45176 | 3/1/2020 7:39 | 4 | 1 |
| G#45177 | 3/1/2020 7:48 | 0 | 1 |
| G#45178 | 3/1/2020 7:55 | 1 | 1 |
| G#45178 | 3/1/2020 7:56 | 5 | 1 |
| G#45179 | 3/1/2020 9:51 | 3 | 1 |
| G#45180 | 3/1/2020 13:27 | 1 | 1 |
| G#45180 | 3/1/2020 13:27 | 3 | 1 |
| G#45180 | 3/1/2020 13:27 | 5 | 1 |
| G#45181 | 3/1/2020 13:38 | 5 | 1 |
| G#45181 | 3/1/2020 13:45 | 2 | 1 |
| G#45181 | 3/1/2020 13:45 | 4 | 1 |
| G#45181 | 3/1/2020 14:10 | 0 | 1 |

32°C Haze 8:58 AM 6/13/2023

2B.)

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists various databases and tables, including '2b'. The main area displays the results of a SQL query:

```
SELECT year,COUNT(year) AS "no. of releases" FROM 2b GROUP BY year ORDER BY year;
```

The results table shows the following data:

| year | no. of releases |
|------|-----------------|
| 1980 | 1 |
| 1981 | 1 |
| 1982 | 1 |
| 1983 | 1 |
| 1984 | 3 |
| 1985 | 2 |
| 1986 | 2 |
| 1987 | 2 |
| 1988 | 4 |
| 1989 | 4 |
| 1990 | 4 |
| 1991 | 2 |
| 1992 | 7 |

3C.)

The screenshot shows the phpMyAdmin interface for the 'naresh' database. The left sidebar lists various databases and tables, including '3c'. The main area displays the results of a SQL query:

```
SELECT name,year,genre,global_sales FROM 3c WHERE year=2010 HAVING MIN(global_sales);
```

The results table shows the following data:

| name | year | genre | global_sales |
|--------------------|------|-------|--------------|
| Kinect Adventures! | 2010 | Misc | 21.82 |

4D.)

The screenshot shows the phpMyAdmin interface for a MySQL database named 'naresh'. The current table is '4d'. 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 success message indicates: 'Showing rows 0 - 9 (10 total, Query took 0.0024 seconds.) [publisher: WARNER BROS. INTERACTIVE ENTER... - SONY COMPUTER ENTERTAINMENT EU...]' The SQL query is displayed as:

```
SELECT * FROM 4d GROUP BY publisher HAVING SUM(global_sales) ORDER BY `4d`.`publisher` DESC LIMIT 10
```

The results table shows the following data:

| publisher | global_sales |
|--------------------------------|--------------|
| Warner Bros. Interactive Enter | 5.53 |
| Vivendi Games | 4.7 |
| Virgin Interactive | 5.82 |
| Universal Interactive | 5.42 |
| Ubisoft | 10.26 |
| THQ | 3.58 |
| Take-Two Interactive | 21.4 |
| SquareSoft | 7.86 |
| Square Enix | 5.95 |
| Sony Computer Entertainment Eu | 5.99 |

At the bottom of the interface, there are several buttons: 'Console', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. The system tray at the bottom right shows the date and time as '6/14/2023 8:28 AM'.

5E.)

localhost / 127.0.0.1 / naresh / 5e +

localhost/phpmyadmin/index.php?route=/sql&db=naresh&table=5e&sql_query=SELECT%2AFROM+5e+GROUP+BY+publisher+HAVING+SUM%28global_sales%29+%

phpMyAdmin

Server: 127.0.0.1 » Database: naresh » Table: 5e

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

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

Showing rows 0 - 9 (10 total, Query took 0.0018 seconds.) [genre: SPORTS... - ROLE-PLAYING...]

SELECT * FROM 5e GROUP BY publisher HAVING SUM(global_sales) ORDER BY `5e`.`genre` DESC LIMIT 10

[Edit inline] [Edit] [Create PHP code]

Extra options

| genre | 1 | publisher | global_sales |
|--------------|---|-----------------------|--------------|
| Sports | | Majesco Entertainment | 2.88 |
| Sports | | Nintendo | 82.74 |
| Sports | | Sega | 8.06 |
| Sports | | Electronic Arts | 8.49 |
| Sports | | 505 Games | 6.81 |
| Shooter | | Activision | 14.76 |
| Role-Playing | | SquareSoft | 7.86 |
| Role-Playing | | Square Enix | 5.95 |
| Role-Playing | | Enix Corporation | 4.47 |
| Role-Playing | | Bethesda Softworks | 8.84 |

Query results operations

Console Copy to clipboard Export Display chart Create view

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6F.)

localhost / 127.0.0.1 / naresh / 5e +

localhost/phpmyadmin/index.php?route=/table/sql&db=naresh&table=sales

phpMyAdmin

Server: 127.0.0.1 » Database: naresh » Table: sales

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 24 (34 total, Query took 0.0098 seconds.)

SELECT year, NA_SALES, JP_SALES FROM sales GROUP BY year HAVING SUM(NA_SALES AND JP_SALES);

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

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

Extra options

| year | NA_SALES | JP_SALES |
|------|----------|----------|
| 1983 | 0.73 | 2.35 |
| 1984 | 26.93 | 0.28 |
| 1985 | 29.08 | 6.81 |
| 1986 | 3.74 | 1.69 |
| 1987 | 2.19 | 1.61 |
| 1988 | 9.54 | 3.84 |
| 1989 | 23.2 | 4.22 |
| 1990 | 12.78 | 3.54 |
| 1991 | 2.42 | 1.15 |
| 1992 | 6.16 | 2.69 |
| 1993 | 5.99 | 2.12 |
| 1994 | 4.36 | 3 |
| | 2.1 | 2.2 |

Activate Windows Go to Settings to activate Windows.

32°C Haze 9:05 AM 6/14/2023

