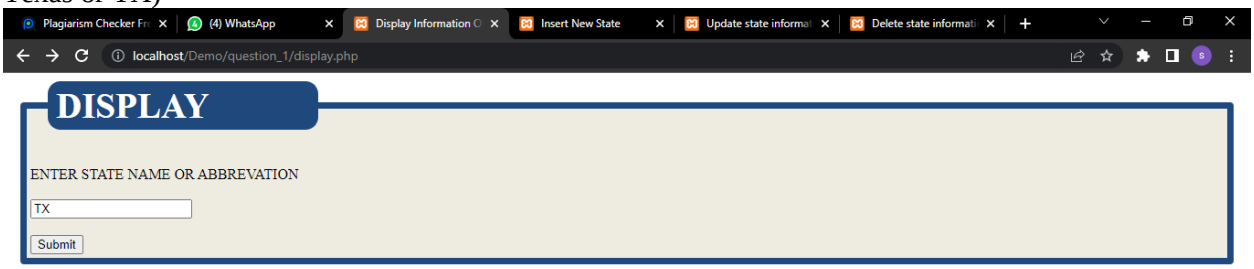
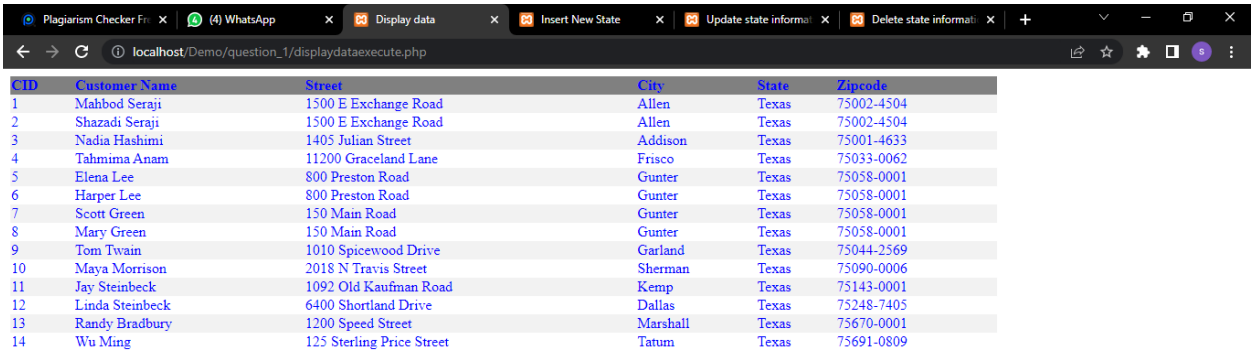
Shubham M

PROJECT PHASE 3

Q1. Display the customer details based on any one of the following: state name or stateAb (For example Texas or TX)





CID	Customer Name	Street	City	State	Zipcode
1	Mahbod Seraji	1500 E Exchange Road	Allen	Texas	75002-4504
2	Shazadi Seraji	1500 E Exchange Road	Allen	Texas	75002-4504
3	Nadia Hashimi	1405 Julian Street	Addison	Texas	75001-4633
4	Tahmima Anam	11200 Graceland Lane	Frisco	Texas	75033-0062
5	Elena Lee	800 Preston Road	Gunter	Texas	75058-0001
6	Harper Lee	800 Preston Road	Gunter	Texas	75058-0001
7	Scott Green	150 Main Road	Gunter	Texas	75058-0001
8	Mary Green	150 Main Road	Gunter	Texas	75058-0001
9	Tom Twain	1010 Spicewood Drive	Garland	Texas	75044-2569
10	Maya Morrison	2018 N Travis Street	Sherman	Texas	75090-0006
11	Jay Steinbeck	1092 Old Kaufman Road	Kemp	Texas	75143-0001
12	Linda Steinbeck	6400 Shortland Drive	Dallas	Texas	75248-7405
13	Randy Bradbury	1200 Speed Street	Marshall	Texas	75670-0001
14	Wu Ming	125 Sterling Price Street	Tatum	Texas	75691-0809

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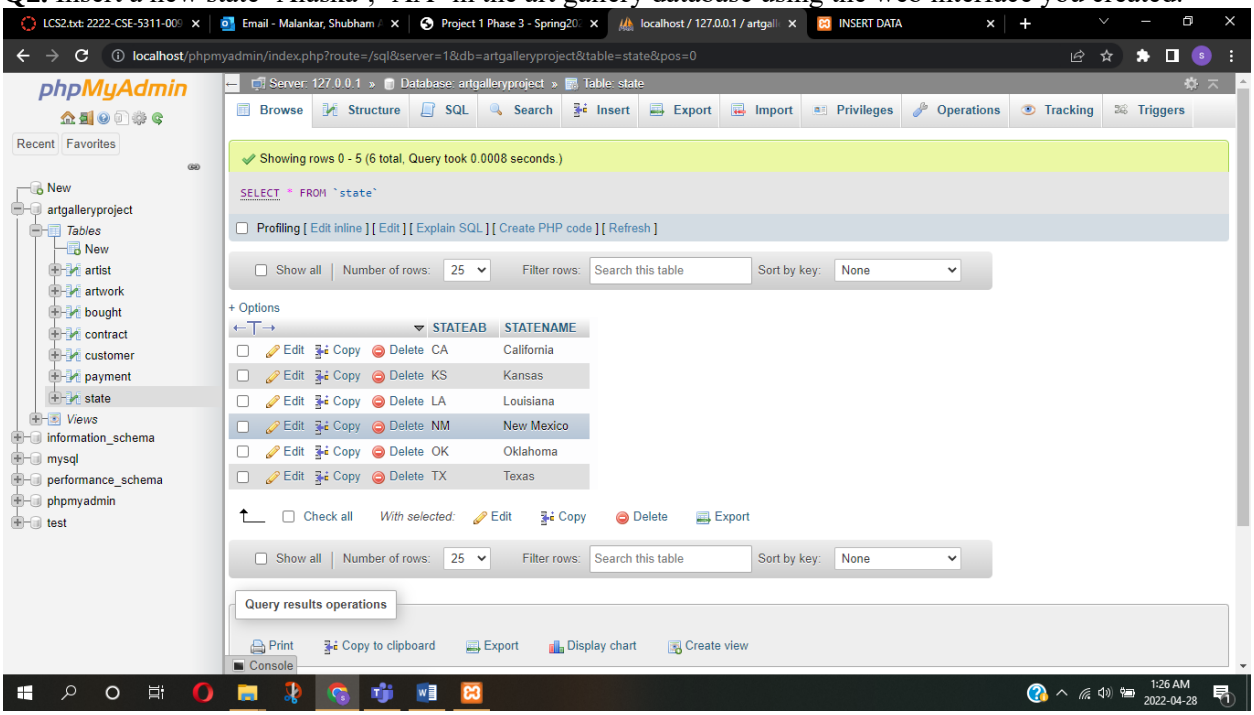
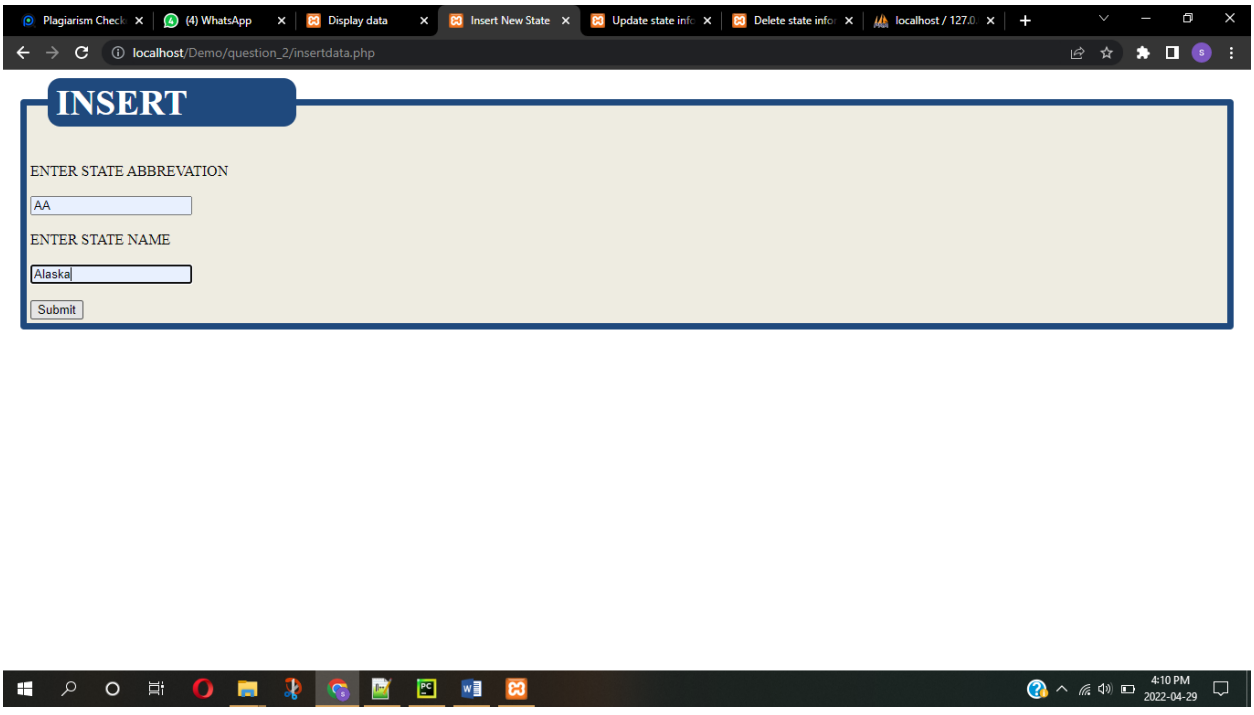
Q2. Insert a new state ‘Alaska’, ‘AA’ in the art gallery database using the web interface you created.





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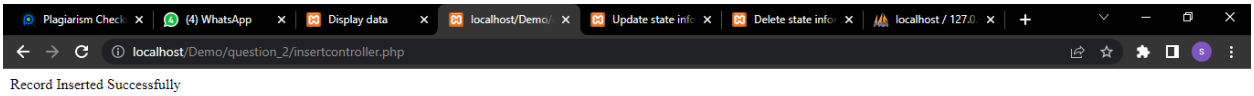
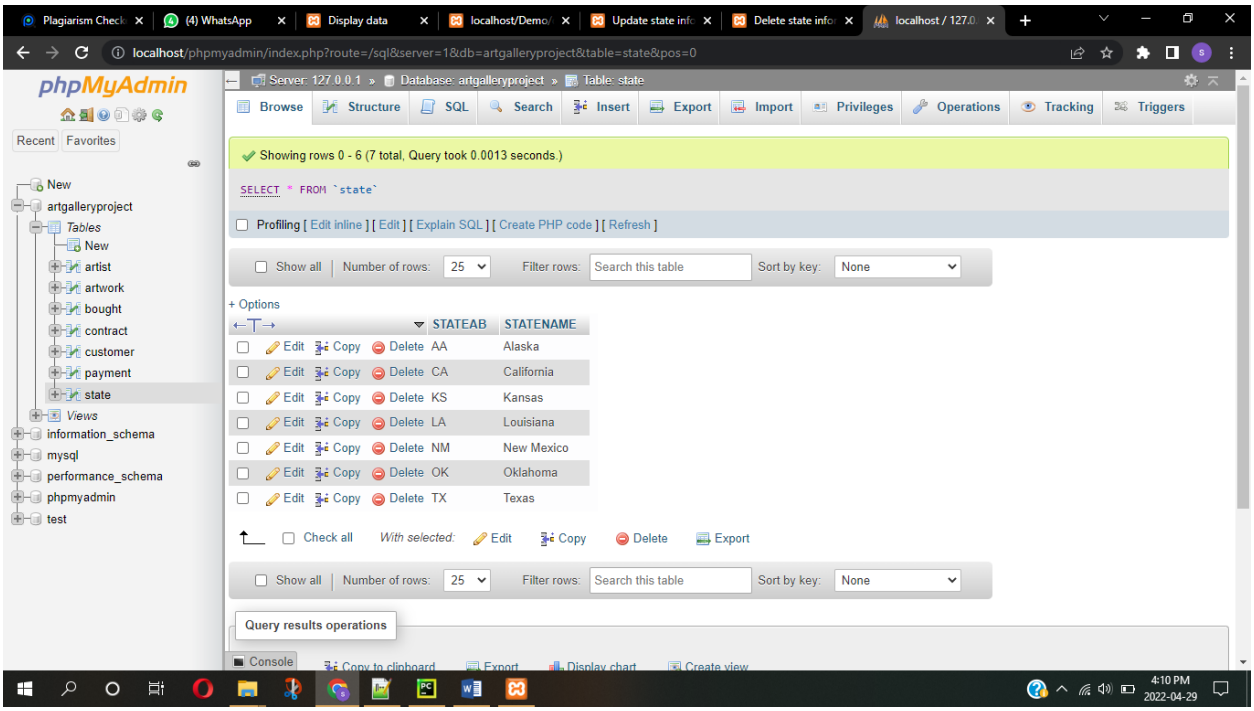


Record Inserted Successfully



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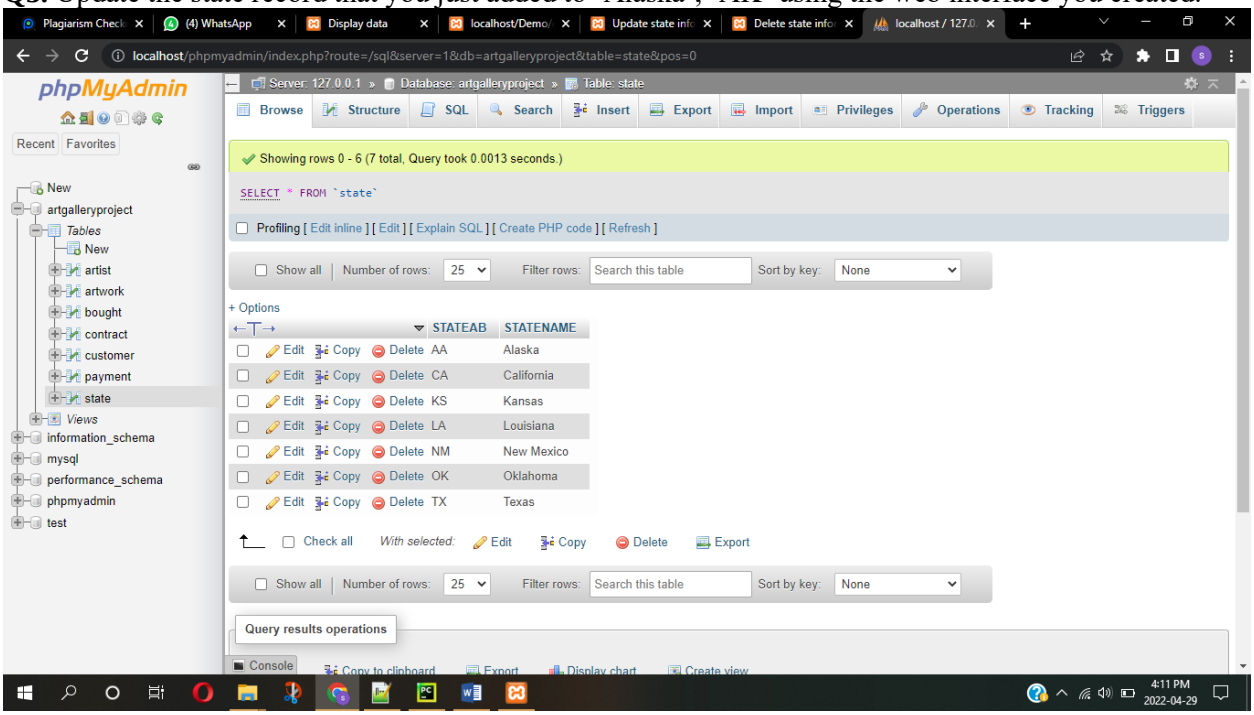
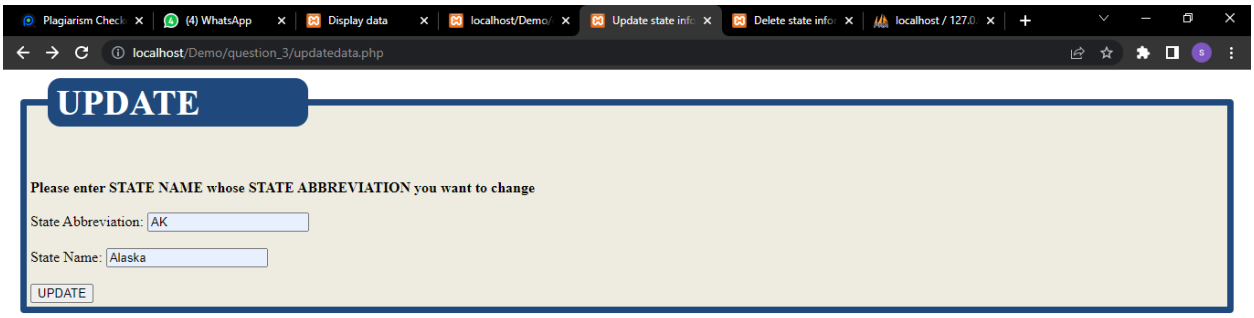
Q3. Update the state record that you just added to ‘Alaska’, ‘AK’ using the web interface you created.





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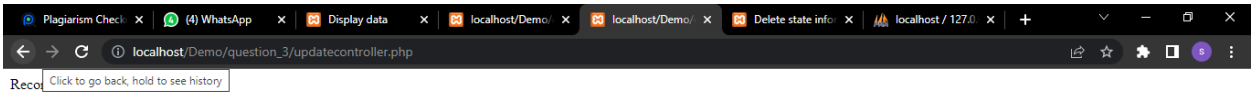

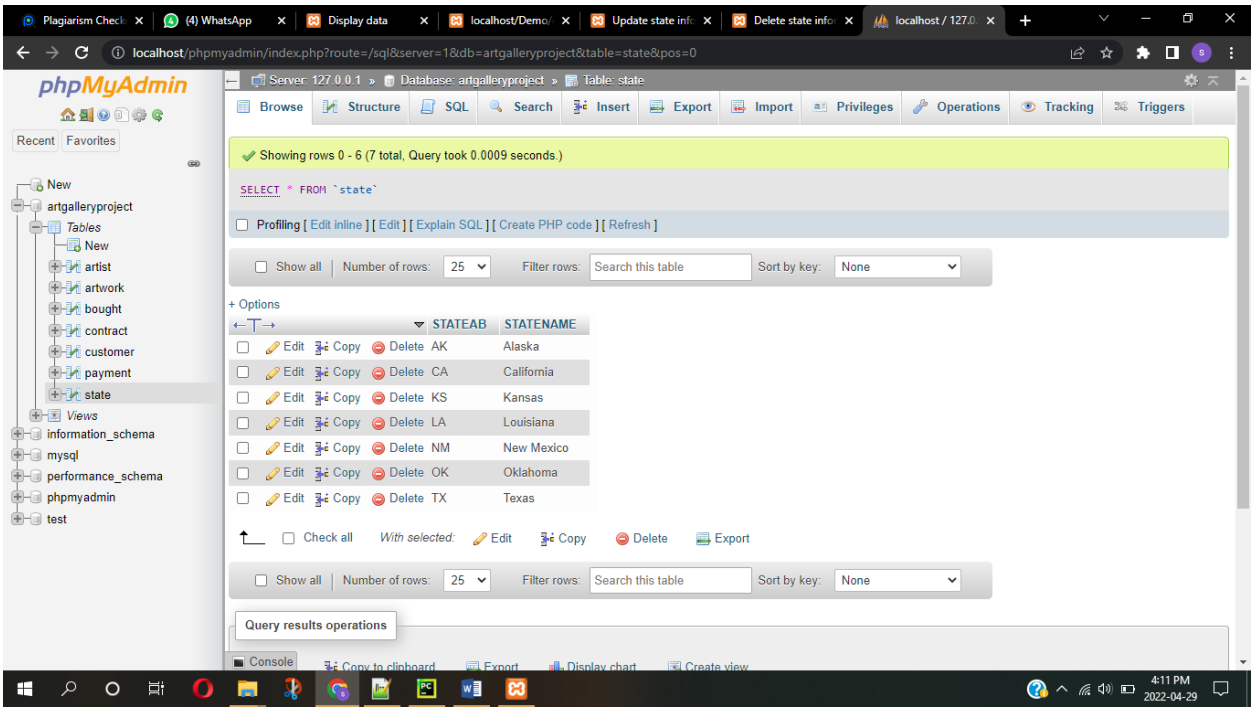

Q4. Delete the state of Alaska record that you just added using the web interface you created.

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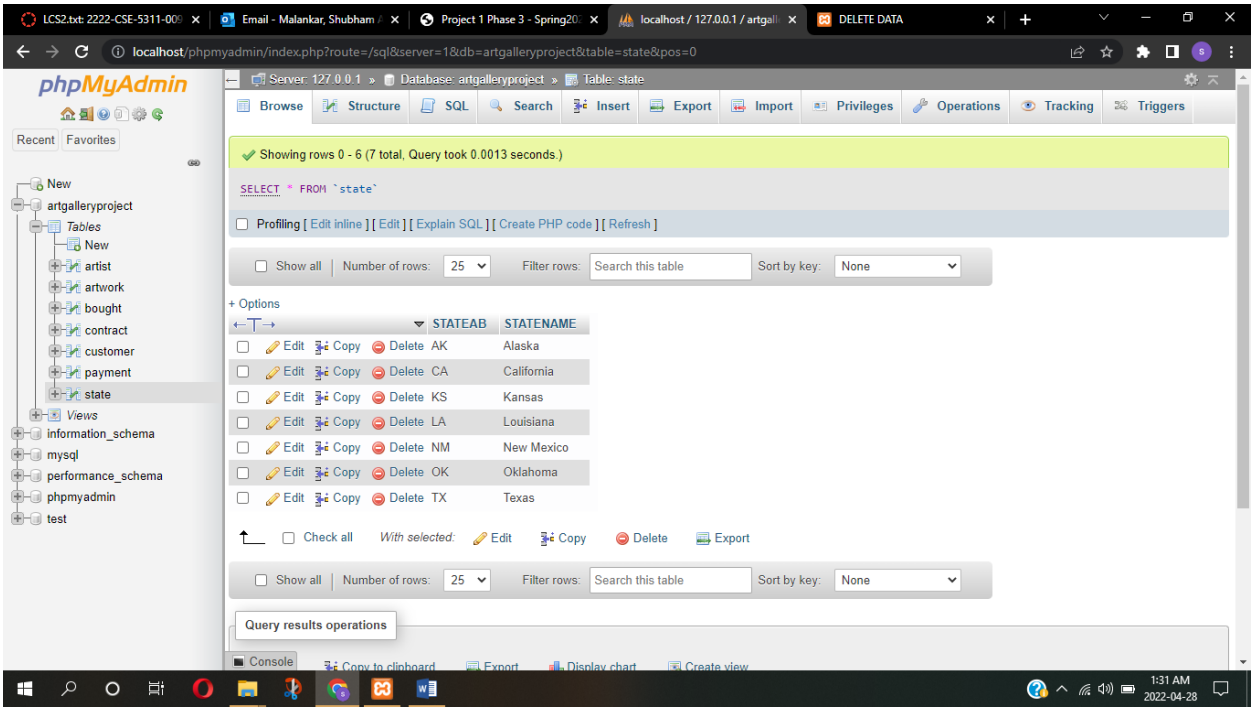
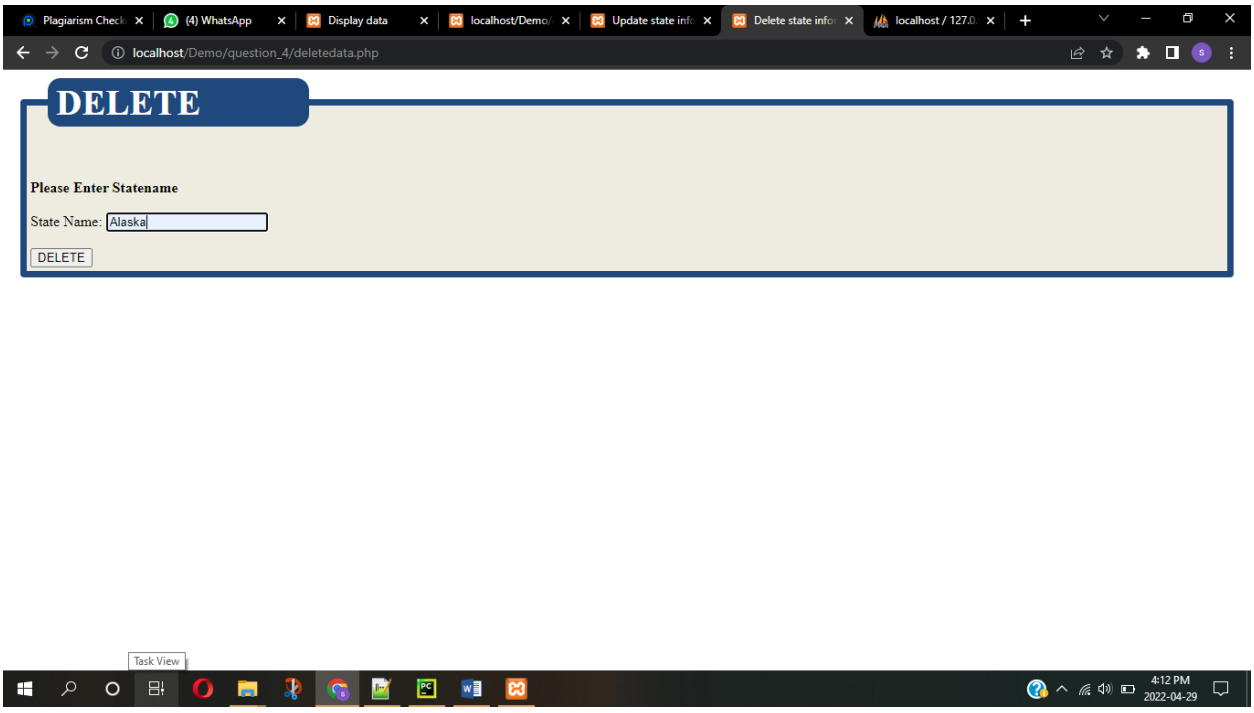
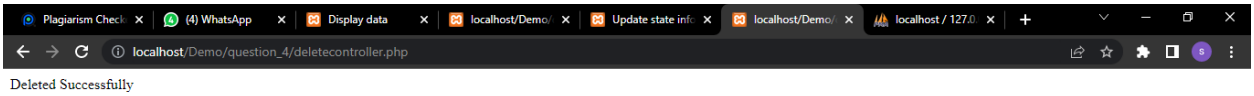
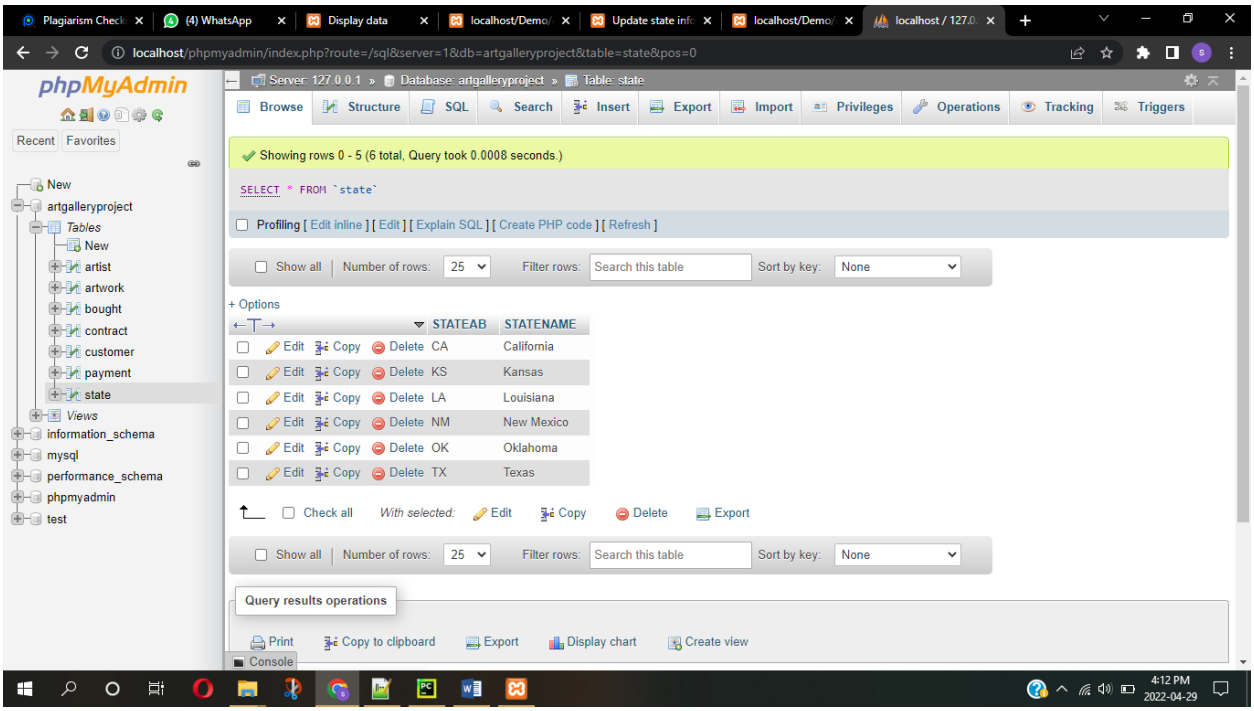

phpMyAdmin
Recent Favorites
New
artgalleryproject
Tables
New
artist
artwork
bought
contract
customer
payment
state
Views
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1 » Database: artgalleryproject » Table: state
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Showing rows 0 - 6 (7 total, Query took 0.0013 seconds.)
SELECT * FROM `state`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
STATEAB STATENAME
Edit Copy Delete AK Alaska
Edit Copy Delete CA California
Edit Copy Delete KS Kansas
Edit Copy Delete LA Louisiana
Edit Copy Delete NM New Mexico
Edit Copy Delete OK Oklahoma
Edit Copy Delete TX Texas
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Query results operations
Console
Copy to clipboard Export Display chart Create view
1:31 AM
2022-04-28


localhost/Demo/question_4/deletedata.php
DELETE
Please Enter Statename
State Name: Alaska
DELETE
Task View
4:12 PM
2022-04-29

Shubham M



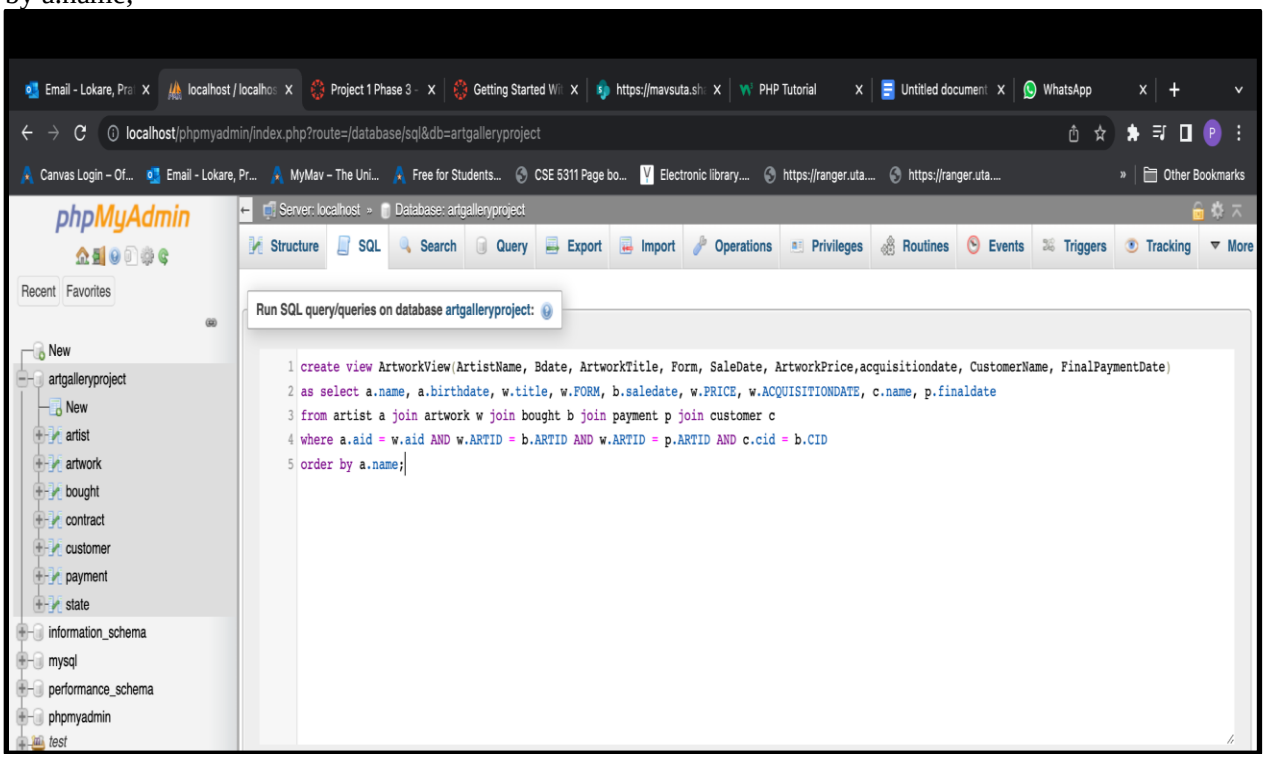
Deleted Successfully



Shubham M

QV1 Create a view ArtworkView that shows name of artist as ArtistName, his date of birth as Bdate, title of the artwork as ArtworkTitle, the form of artwork as Form, the sale date as SaleDate, the price as ArtworkPrice, the customer's name who bought the artwork as CustomerName, final date of the payment as FinalPaymentDate, and the acquisition date of that artwork as AcquisitionDate. Records should be sorted by the name of the artist.

Query - create view ArtworkView(ArtistName, Bdate, ArtworkTitle, Form, SaleDate, ArtworkPrice,acquisitiondate, CustomerName, FinalPaymentDate) as
select a.name, a.birthdate, w.title, w.FORM, b.saledate, w.PRICE, w.ACQUISITIONDATE, c.name, p.finaldate from artist a join artwork w join bought b join payment p join customer c
where a.aid = w.aid AND w.ARTID = b.ARTID AND w.ARTID = p.ARTID AND c.cid = b.CID order by a.name;



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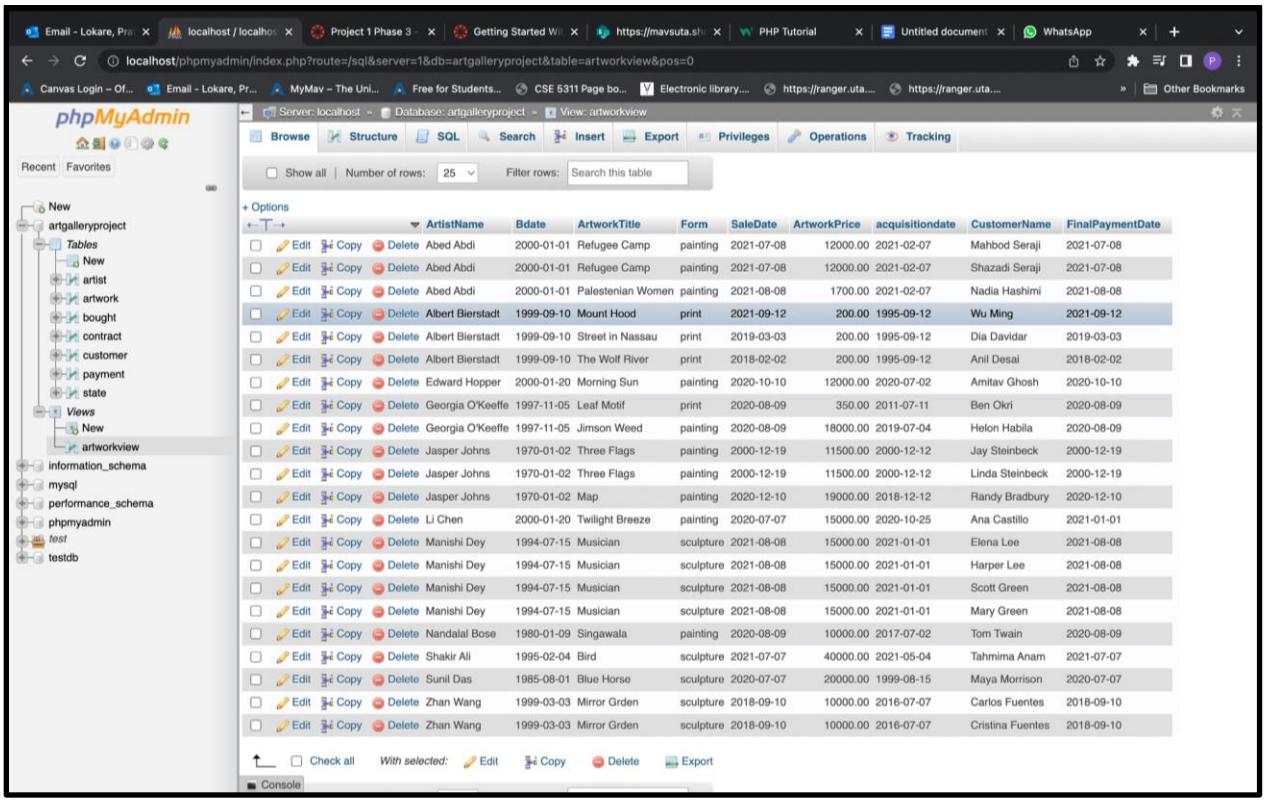
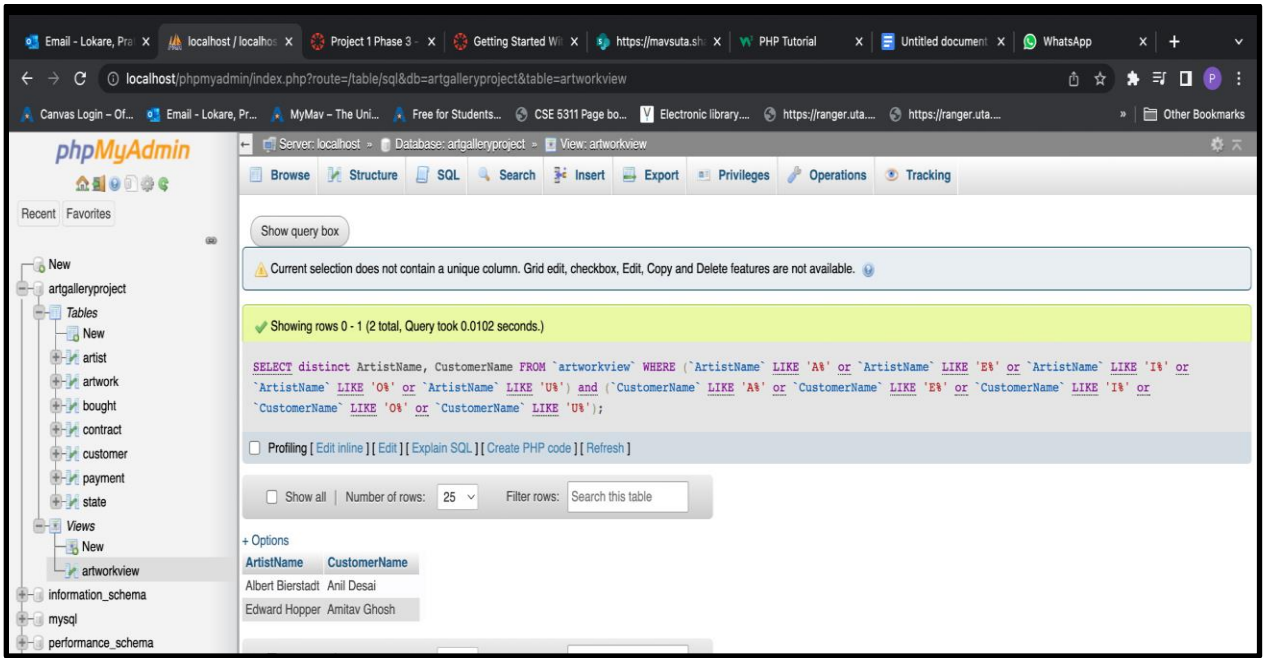


QV2. Use the view ArtworkView to retrieve a list of unique names of the artists and their customers when both the names start with vowels.
Query - SELECT distinct ArtistName, CustomerName FROM `artworkview` WHERE (`ArtistName` LIKE 'A%' or `ArtistName` LIKE 'E%' or `ArtistName` LIKE 'I%' or `ArtistName` LIKE 'O%' or `ArtistName` LIKE 'U%') and (`CustomerName` LIKE 'A%' or `CustomerName` LIKE 'E%' or `CustomerName` LIKE 'I%' or `CustomerName` LIKE 'O%' or `CustomerName` LIKE 'U%')



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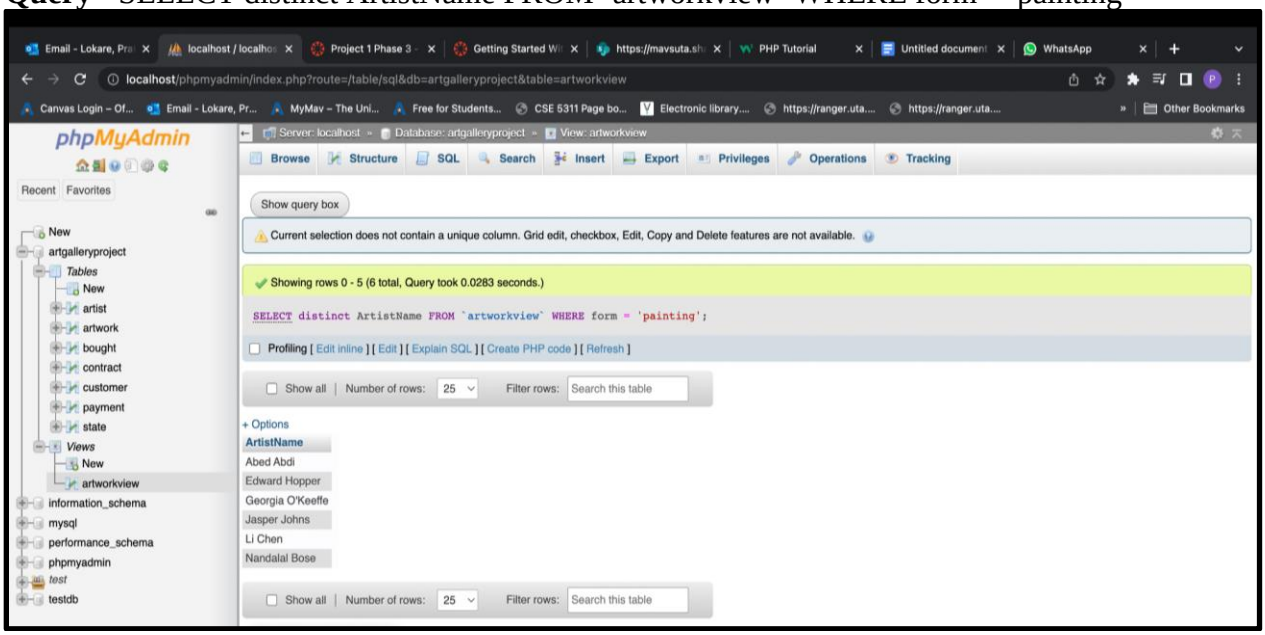
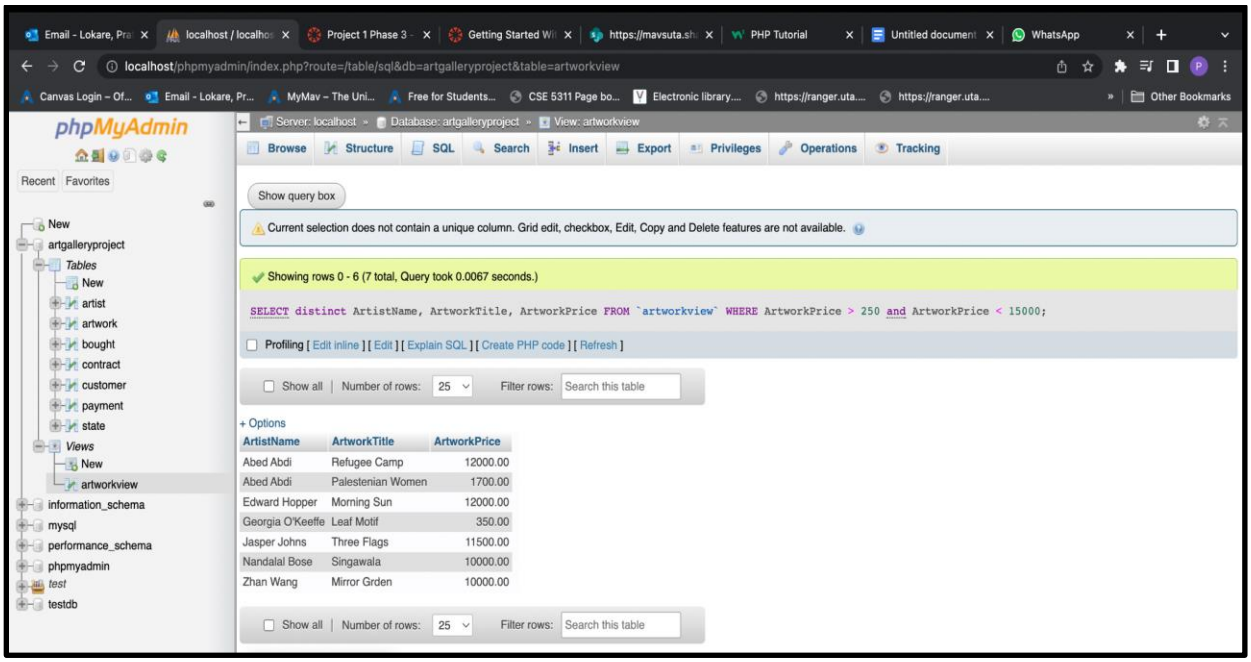
QV3 Use the view **ArtworkView** to retrieve a list of unique names of the artists whose artwork form is painting.

Query - SELECT distinct ArtistName FROM `artworkview` WHERE form = 'painting'



QV4 Use the view ArtworkView to retrieve a list of unique names of the artists, artwork title, and the price when the price is greater than $250.00 and less than $15,000.00

Query - SELECT distinct ArtistName, ArtworkTitle, ArtworkPrice FROM `artworkview` WHERE ArtworkPrice > 250 and ArtworkPrice < 15000



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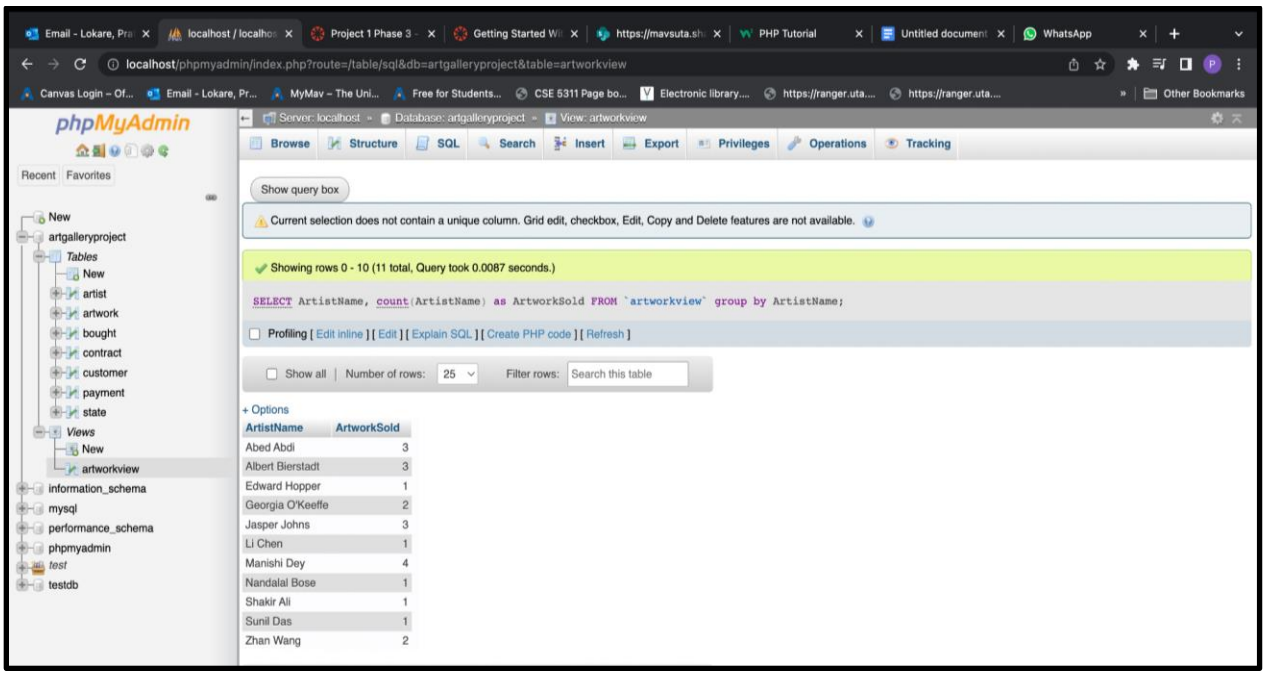
QV5 Use the view ArtworkView to list the names of the artists and the total number of their art pieces sold so far at the gallery.
Query - SELECT ArtistName, count(ArtistName) as ArtworkSold FROM `artworkview` group by ArtistName



QV6 For all the artwork that were acquired on 9th September 1995 (1995-09-12), retrieve the name of the artist, his/her date of birth, the title of their artwork, sale date, customer name, and final payment date.
Query - SELECT artist.NAME AS ArtistName, artist.BIRTHDATE AS Bdate, artwork.TITLE AS ArtworkTitle, artwork.ACQUISITIONDATE AS acquisitionDate, bought.SALEDATE, customer.name AS CustomerName, payment.FINALDATE AS FinalPaymentDate FROM artist LEFT JOIN artwork ON artist.AID = artwork.AID LEFT JOIN bought ON artwork.ARTID = bought.ARTID LEFT JOIN payment ON artwork.ARTID = payment.ARTID LEFT OUTER JOIN customer ON customer.CID = bought.CID WHERE artwork.ACQUISITIONDATE = '1995-09-12';

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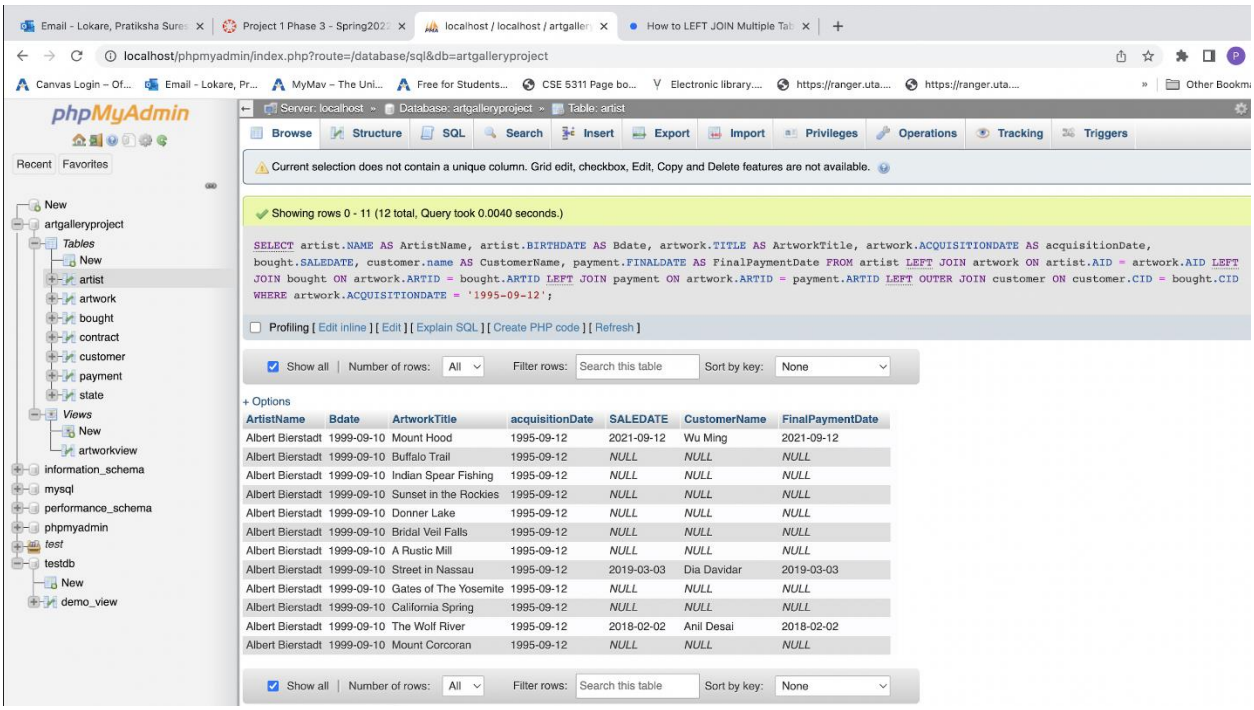

References –

1. Fundamentals of Database Systems 7th edition by Elmasri and Navathe
2. https://stackoverflow.com/questions/19774653/css3-for-html5-legend-inside-fieldset
3. https://www.w3schools.com/w3css/defaulT.asp
4. https://www.w3schools.com/php/
5. https://learnsql.com/blog/how-to-left-join-multiple-tables/