Tanmay Kakade - 1002023412 Aravind Ranganathan – 1002027463

GROUP 20 : Phase 3

Q1>

create view ArtworkView(ArtistName,Bdate,ArtworkTitle,Form,SaleDate,ArtworkPrice,acusitiondate,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 payments 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;Graphical user interface, application, email

Description automatically generated

Q2>

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

Graphical user interface, text, application

Description automatically generated

Q3>

SELECT distinct ArtistName FROM ArtworkView WHERE form = 'painting';Graphical user interface, text, application

Description automatically generated

Q4>

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) DISTINCT ArtistName , ArtworkTitle, ArtworkPrice FROM ArtworkView WHERE ArtworkPrice > 250 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) ArtworkPrice < 15000;

Graphical user interface, text, application

Description automatically generated

Q5>

SELECT ArtistName, count(ArtistName) as ArtworkSold FROM ArtworkView GROUP BY ArtistName;

Graphical user interface, text, application

Description automatically generated

Q6>

SELECT artist.name AS ArtistName, artist.birthdate AS Bdate, artwork.title AS ArtworkTitle, artwork.acquisitionDate AS acquisitionDate, bought.saleDate, customer.name AS CustomerName, payments.finalDate AS FinalPaymentDate FROM artist LEFT JOIN artwork ON artist.aID = artwork.aID LEFT JOIN bought ON artwork.artID = bought.artID LEFT JOIN payments ON artwork.artID = payments.artID LEFT OUTER JOIN customer ON customer.cID = bought.cID WHERE artwork.acquisitionDate = '1995-09-12';

Graphical user interface, application, table

Description automatically generated

WEB INTERFACE:

VIEW--

Graphical user interface

Description automatically generated

Table

Description automatically generated

INSERT—

Text

Description automatically generated with low confidence

Graphical user interface, application, chat or text message

Description automatically generated

UPDATE—

A picture containing chart

Description automatically generated

Graphical user interface, text, application

Description automatically generated

DELETE—

Graphical user interface

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generated