

CONSIDER THE COUNTRY TABLE AND PERSONS TABLE THAT YOU CREATED EARLIER AND PERFORM THE FOLLOWING:

1. FIND THE NUMBER OF PERSONS IN EACH COUNTRY.

```
SELECT COUNT(F_NAME) ,COUNTRY_NAME DISCTINCT FROM PERSONS  
GROUP BY COUNTRY_NAME;
```

```
5 • select count(f_name) ,country_name disctinct from persons  
6 group by COUNTRY_NAME;  
7
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	count(f_name)	disctinct
▶	1	SINGAPORE
	4	USA
	2	UK
	1	CANADA
	1	INDIA
	1	AUSTRALIA
	2	TANZANIA

Result 51 x

Output

Action Output




#	Time	Action	Message
✓ 1	20:25:55	select count(f_name) ,country_name disctinct from persons group by COUNTRY_NAME LIMIT 0, 1000	7 row(s) returned

FIND THE NUMBER OF PERSONS IN EACH COUNTRY SORTED FROM HIGH TO LOW.

SELECT COUNT(F_NAME) ,COUNTRY_NAME DISTINCT FROM PERSONS

GROUP BY COUNTRY_NAME ORDER BY COUNT(F_NAME) DESC;

```
5 • select count(f_name) ,country_name distinct from persons
6 group by COUNTRY_NAME order by count(f_name) desc;
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	count(f_name)	distinct
▶	4	USA
	2	UK
	2	TANZANIA
	1	SINGAPORE
	1	CANADA
	1	INDIA
	1	AUSTRALIA

Result 11 ×

Output

 Action Output ▼

	#	Time	Action	Message
✓	5	12:07:08	select count(f_name) ,country_name distinct from persons group by COUNTRY_NAME LIMIT 0, 1...	7 row(s) returned
✓	6	12:08:06	select count(f_name) ,country_name distinct from persons group by COUNTRY_NAME order by co...	7 row(s) returned

2. FIND OUT AN AVERAGE RATING FOR PERSONS IN RESPECTIVE COUNTRIES IF THE AVERAGE IS GREATER THAN 3.0

AVERAGE RATING OF THE PERSON

```
8 • select avg(rating) from persons;  
9  
10 • select avg(rating) ,country_name disctinct from persons  
11 group by COUNTRY_NAME;
```



Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	avg(rating)			
▶	6.226667			

Result 15 ×			
Output			
Action Output			
#	Time	Action	Message
✓ 1	12:24:03	select avg(rating) from persons LIMIT 0, 1000	1 row(s) returned

SINCE THE AVERAGE RATE IS GREATER THAN 3, FIND BELOW THE RATING FOR EACH COUNTRY.

```
SELECT AVG(RATING) ,COUNTRY_NAME DISCTINCT FROM PERSONS  
GROUP BY COUNTRY_NAME;
```

```
10 • select avg(rating) ,country_name disctinct from persons  
11 group by COUNTRY_NAME;
```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: 			
	avg(rating)	disctinct	
▶	5.370000	SINGAPORE	
	6.685000	USA	
	7.870000	UK	
	8.000000	CANADA	
	4.000000	INDIA	
	7.870000	AUSTRALIA	
	3.500000	TANZANIA	

Result 16 x

Output

Action Output			
#	Time	Action	Message
✓ 1	12:24:03	select avg(rating) from persons LIMIT 0, 1000	1 row(s) returned
✓ 2	12:27:21	select avg(rating) ,country_name disctinct from persons group by COUNTRY_NAME LIMIT 0, 1000	7 row(s) returned

3. FIND THE COUNTRIES WITH THE SAME RATING AS THE USA. (USE SUBQUERIES)

```
SELECT COUNT(RATING),RATING,COUNTRY_NAME
FROM PERSONS WHERE RATING IN
(SELECT RATING
FROM PERSONS
WHERE COUNTRY_NAME = 'USA')
GROUP BY COUNTRY_NAME,RATING;
```

```
15 • SELECT count(rating),rating,country_name
16 FROM persons where rating in
17 (SELECT rating
18 FROM persons
19 WHERE country_name = 'usa')
20 group by country_name,rating;
```

Result Grid

	count(rating)	rating	country_name
▶	2	7.87	USA
	1	3.00	USA
	2	7.87	UK
	1	8.00	CANADA
	1	7.87	AUSTRALIA
	1	3.00	TANZANIA
	1	8.00	USA

Result 31 ×

Output

Action Output

#	Time	Action	Message
✓ 1	14:01:53	SELECT count(rating),rating,country_name FROM persons where rating in (SELECT rating FROM p...	7 row(s) returned

4. SELECT ALL COUNTRIES WHOSE POPULATION IS GREATER THAN THE AVERAGE POPULATION OF ALL NATIONS.

SELECT AVG(POPULATION) FROM COUNTRY;

28 • `select avg(population) from country;`
29

Result Grid | | Filter Rows: | Export: | Wrap Cell Content:

	avg(population)
▶	119130000.0000

Result 48 x

Output

Action Output ▼

#	Time	Action	Message
✓ 1	19:48:57	select avg(population) from country LIMIT 0, 1000	1 row(s) returned

```
SELECT POPULATION, COUNTRY_NAME FROM COUNTRY
WHERE POPULATION > (SELECT AVG(POPULATION) FROM COUNTRY)
GROUP BY POPULATION, COUNTRY_NAME;
```

```
29 • select population, country_name from country
30 where population > (select avg(population) from country)
31 group by population, country_name;
32
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
	population	country_name	
▶	450000000	CANADA	
	500000000	INDIA	

country 44 x

Output



Action Output

#	Time	Action	Message
✓ 1	19:43:45	select population, country_name from country where population > (select avg(population) from countr...	2 row(s) returned

CREATE A DATABASE NAMED PRODUCT

CREATE DATABASE PRODUCT;

30 • CREATE DATABASE PRODUCT;

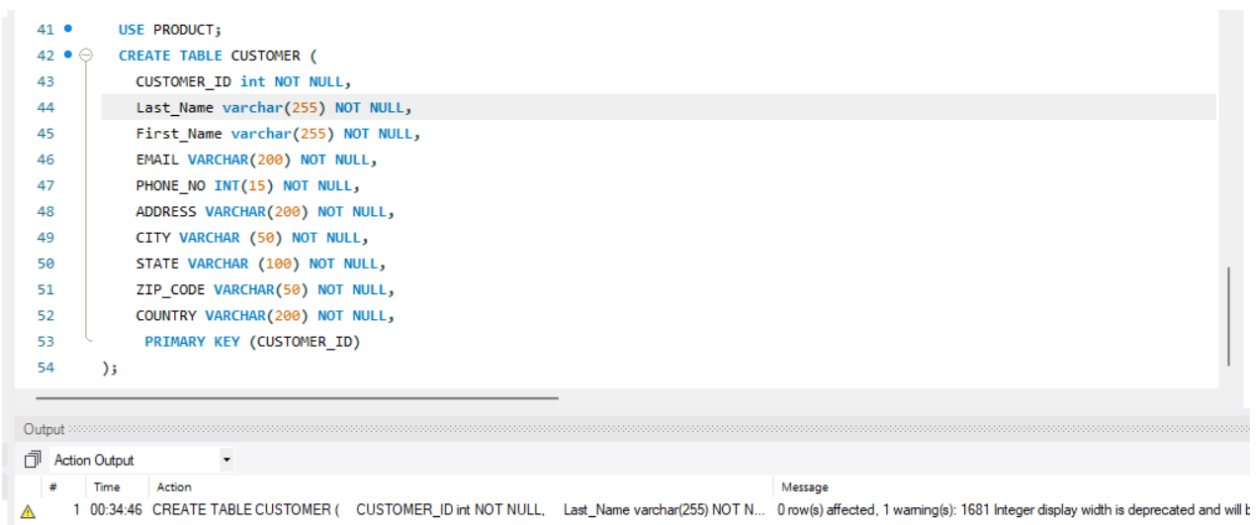
Output

📄 Action Output ▾

#	Time	Action	Message
✓ 1	20:25:55	select count(f_name) ,country_name distinct from persons group by COUNTRY_NAME LIMIT 0, 1000	7 row(s) returned
✓ 2	20:27:35	select avg(rating) ,country_name distinct from persons group by COUNTRY_NAME LIMIT 0, 1000	7 row(s) returned
✓ 3	20:27:47	select count(f_name) ,country_name distinct from persons group by COUNTRY_NAME order by cou...	7 row(s) returned
✓ 4	23:06:46	CREATE DATABASE PRODUCT	1 row(s) affected

CREATE A TABLE CALLED CUSTOMER WITH THE FOLLOWING FIELDS IN THE PRODUCT DATABASE: CUSTOMER_ID - MAKE PRIMARY KEY FIRST_NAME LAST_NAME EMAIL PHONE_NO ADDRESS CITY STATE ZIP_CODE COUNTRY

```
CREATE TABLE CUSTOMER (  
    CUSTOMER_ID INT NOT NULL,  
    LAST_NAME VARCHAR(255) NOT NULL,  
    FIRST_NAME VARCHAR(255) NOT NULL,  
    EMAIL VARCHAR(200) NOT NULL,  
    PHONE_NO INT(15) NOT NULL,  
    ADDRESS VARCHAR(200) NOT NULL,  
    CITY VARCHAR (50) NOT NULL,  
    STATE VARCHAR 100) NOT NULL,  
    ZIP_CODE VARCHAR(50) NOT NULL,  
    COUNTRY VARCHAR(200) NOT NULL,  
    PRIMARY KEY (CUSTOMER_ID)  
);
```



The screenshot displays a SQL IDE interface. The top pane shows a SQL script with line numbers 41 through 54. The script starts with 'USE PRODUCT;' on line 41, followed by a 'CREATE TABLE CUSTOMER' statement on line 42. The table has columns: CUSTOMER_ID (int NOT NULL), LAST_NAME (varchar(255) NOT NULL), FIRST_NAME (varchar(255) NOT NULL), EMAIL (VARCHAR(200) NOT NULL), PHONE_NO (INT(15) NOT NULL), ADDRESS (VARCHAR(200) NOT NULL), CITY (VARCHAR (50) NOT NULL), STATE (VARCHAR (100) NOT NULL), ZIP_CODE (VARCHAR(50) NOT NULL), COUNTRY (VARCHAR(200) NOT NULL), and a PRIMARY KEY on CUSTOMER_ID. The statement ends with a semicolon on line 54.

The bottom pane is titled 'Output' and contains a sub-section 'Action Output'. It shows a single row of execution results:

#	Time	Action	Message
1	00:34:46	CREATE TABLE CUSTOMER (CUSTOMER_ID int NOT NULL, LAST_NAME varchar(255) NOT N...	0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will b

```

57 • INSERT INTO CUSTOMER
58 values(00001,'JOSEPH','MANU','MANUJOSEPH@GMAIL.COM','983265891','132 My Street','Oswego','NEW YORK','12401','USA');
59

```

Output

Action Output

#	Time	Action	Message
✓ 1	12:35:13	USE PRODUCT	0 row(s) affected

```

61 • INSERT INTO CUSTOMER
62 values (00002,'MICHAEL','MARIA','MARIAMICHAEL@GMAIL.COM','89784556','813 Howard Street','Oswego','NEW YORK','13126','USA'),
63 (00003,'MICHAEL','TESSA','TESSAMICHAEL@GMAIL.COM','23451278','15205 North Kierland','Scottsdale','COLORADO','85254','USA'),
64 (00005,'MIHAEL','JONAH','JONAHMICHAEL@GMAIL.COM','56452461','1325 NIXON STREET','Oswego','NEW YORK','13126','USA'),
65 (00006,'ALRED','TINU','ALFREDTINU@GMAIL.COM','56452455','165 DAVID STREET','Oswego','NEW YORK','14126','USA'),
66 (00007,'DANIEL','JEROME','JEROMEDANIEL@GMAIL.COM','56485845','175 WINDY STREET','Oswego','NEW YORK','14126','USA'),
67 (00008,'RAINA','SURESH','SURESHRAINA@GMAIL.COM','45652280','174 JEROME STREET','KANDINBERRY','CALIFORNIA','37452','USA'),
68 (00009,'AWLE','ABIJIT','ABIJITAWALE@GMAIL.COM','45651280','65 CANDY STREET','KANDINBERRY','CALIFORNIA','37451','USA'),
69 (00010,'GEORGE','REKHA','REKHAGEORGE@GMAIL.COM','25125652','180 JEROME STREET','KANDINBERRY','CALIFORNIA','37454','USA'),
70 (00011,'THERES','THANVI','THANVITHERES@GMAIL.COM','47451265','145 CANAL STREET','EDINBORO','CALIFORNIA','85245','USA'),
71 (00012,'JOSEPH','MANU','MANUJOSEPH@GMAIL.COM','87542354','185 ALPH STREET','BUSAN','TEXAS','45871','USA'),
72 (00013,'GOPINATH','MANJU','MANJUGOPINATH@GMAIL.COM','58651232','170 DENVER STREET','BUSAN','TEXAS','37452','USA'),
73 (00014,'MENON','PRAKASH','PRAKASHMENON@GMAIL.COM','64123208','230 OLIVER STREET','BUSAN','TEXAS','45680','USA'),
74 (00015,'ANTONY','DIVYA','DIVYANTONY@GMAIL.COM','56721232','135 DENVER STREET','DALLAS','TEXAS','37452','USA'),
75 (00016,'GOPINATH','MANJU','MANJUGOPINATH@GMAIL.COM','50751232','185 DENVER STREET','DALLAS','TEXAS','35264','USA')
76 (00017,'MAJEED','ABDUL','ABDULMAJEED@GMAIL.COM','45653201','184 OHIO STREET','ALEXANDRIA','WASHINGTON','23451','U

```

Output

Action Output

#	Time	Action	Message
✗ 1	13:06:13	INSERT INTO CUSTOMER values(00002,'MICHAEL','MARIA','MARIAMICHAEL@GMAIL.COM','8978455...	Error Code: 1264. Out of range value for column 'PHONE_NO' at row 16
✓ 2	13:06:28	INSERT INTO CUSTOMER values(00002,'MICHAEL','MARIA','MARIAMICHAEL@GMAIL.COM','8978455...	16 row(s) affected Records: 16 Duplicates: 0 Warnings: 0

1. CREATE A VIEW NAMED CUSTOMER_INFO FOR THE CUSTOMER TABLE THAT DISPLAYS CUSTOMER'S FULL NAME AND EMAIL ADDRESS.

```
CREATE VIEW CUSTOMER_INFO AS SELECT CONCAT(FIRST_NAME, LAST_NAME)AS  
CUSTOMER_FULL_NAME,EMAIL FROM CUSTOMER;
```

```
80 • CREATE VIEW CUSTOMER_INFO  
81 AS SELECT CONCAT(First_Name, Last_Name)AS CUSTOMER_FULL_NAME,EMAIL FROM CUSTOMER;
```

Output





📄 Action Output ▾

#	Time	Action	Message
✓ 1	18:42:40	CREATE VIEW CUSTOMER_INFO AS SELECT CONCAT(First_Name, Last_Name)AS CUSTOMER_FULL_NAME,EMAIL FROM CUSTOMER;	0 row(s) affected

2. THEN PERFORM THE SELECT OPERATION FOR THE CUSTOMER_INFO VIEW.

```
SELECT * FROM CUSTOMER_INFO;
```

```
79 • USE PRODUCT;
80 • CREATE VIEW CUSTOMER_INFO
81 AS SELECT CONCAT(First_Name, Last_Name)AS CUSTOMER_FULL_NAME,EMAIL FROM CUSTOMER;
82
83 • SELECT * FROM CUSTOMER_INFO;
84
```

Result Grid		 Filter Rows:	<input type="text"/>	Export:		Wrap Cell Content:	
CUSTOMER_FULL_NAME		EMAIL					
▶	MANUJOSEPH	MANUJOSEPH@GMAIL.COM					
	MARIAMICHAEL	MARIAMICHAEL@GMAIL.COM					
	TESSAMICHAEL	TESSAMICHAEL@GMAIL.COM					
	JONAHMICHAEL	JONAHMICHAEL@GMAIL.COM					
	TINJALRED	ALFREDTINU@GMAIL.COM					
	JEROMEDANIEL	JEROMEDANIEL@GMAIL.COM					
	SURESHRAINIA	SURESHRAINIA@GMAIL.COM					
	ABIJITAWLE	ABIJITAWALE@GMAIL.COM					
	REKHAGEORGE	REKHAGEORGE@GMAIL.COM					
	THANVITHERES	THANVITHERES@GMAIL.COM					
	MANUJOSEPH	MANUJOSEPH@GMAIL.COM					
	MANJUGOPINATH	MANJUGOPINATH@GMAIL.COM					

CUSTOMER_INFO 11 ×

Output

Action Output

#	Time	Action	Message
1	18:42:40	CREATE VIEW CUSTOMER_INFO AS SELECT CONCAT(First_Name, Last_Name)AS CUSTOME...	0 row(s) affected
2	18:42:57	SELECT * FROM CUSTOMER_INFO LIMIT 0, 1000	17 row(s) returned

3. CREATE A VIEW NAMED US_CUSTOMERS THAT DISPLAYS CUSTOMERS LOCATED IN THE US.

```
CREATE VIEW US_CUSTOMERS
AS SELECT * FROM CUSTOMER
WHERE COUNTRY='USA';
```

```
86 • CREATE VIEW US_CUSTOMERS
87 AS SELECT * FROM CUSTOMER
88 WHERE COUNTRY='USA';
--
```

Output

Action Output

#	Time	Action	Message
3	19:03:33	CREATE VIEW US_CUSTOMERS AS SELECT * FROM CUSTOMER WHERE COUNTRY='USA'	0 row(s) affected

```
SELECT * FROM US_CUSTOMERS;
```

```
90 • SELECT * FROM US_CUSTOMERS;
91
```

Result Grid										
Filter Rows:										
Export: Wrap Cell Content:										
	CUSTOMER_ID	Last_Name	First_Name	EMAIL	PHONE_NO	ADDRESS	CITY	STATE	ZIP_CODE	COUNTRY
1	JOSEPH	MANU	MANUJOSEPH@GMAIL.COM	983265891	132 My Street	Oswego	NEW YORK	12401	USA	
2	MICHAEL	MARIA	MARIAMICHAEL@GMAIL.COM	89784556	813 Howard Street	Oswego	NEW YORK	13126	USA	
3	MICHAEL	TESSA	TESSAMICHAEL@GMAIL.COM	23451278	15205 North Kierland	Scottsdale	COLORADO	85254	USA	
5	MIHAEL	JONAH	JONAHMICHAEL@GMAIL.COM	56452461	1325 NIXON STREET	Oswego	NEW YORK	13126	USA	
6	ALRED	TINU	ALFREDTINU@GMAIL.COM	56452455	165 DAVID STREET	Oswego	NEW YORK	14126	USA	
7	DANIEL	JEROME	JEROMEDANIEL@GMAIL.COM	56485845	175 WINDY STREET	Oswego	NEW YORK	14126	USA	
8	RAINA	SURESH	SURESHRAINA@GMAIL.COM	45652280	174 JEROME STREET	KANDINBERRY	CALIFORNIA	37452	USA	
9	AWLE	ABIJIT	ABIJITAWALE@GMAIL.COM	45651280	65 CANDY STREET	KANDINBERRY	CALIFORNIA	37451	USA	
10	GEORGE	REKHA	REKHAGEORGE@GMAIL.COM	25125652	180 JEROME STREET	KANDINBERRY	CALIFORNIA	37454	USA	
11	THERES	THANVI	THANVITHERES@GMAIL.COM	47451265	145 CANAL STREET	EDINBORO	CALIFORNIA	85245	USA	
12	JOSEPH	MANU	MANUJOSEPH@GMAIL.COM	87542354	185 ALPH STREET	BUSAN	TEXAS	45871	USA	
13	GOPINATH	MANJU	MANJUGOPINATH@GMAIL.COM	58651232	170 DENVER STREET	BUSAN	TEXAS	37452	USA	
14	MENON	PRAKASH	PRAKASHMENON@GMAIL.COM	64123208	230 OLIVER STREET	BUSAN	TEXAS	45680	USA	
15	ANTONY	DIVYA	DIVYANTONY@GMAIL.COM	56721232	135 DENVER STREET	DALLAS	TEXAS	37452	USA	
16	GOPINATH	MANJU	MANJUGOPINATH@GMAIL.COM	50751232	185 DENVER STREET	DALLAS	TEXAS	35264	USA	
17	MAJEED	ABDUL	ABDULMAJEED@GMAIL.COM	45653201	184 OHIO STREET	ALEXANDRIA	WASHINGTON	23451	USA	
18	SAIFUDIN	AHMED	AHMEDSAIFUDIN@GMAIL.COM	567865122	170 DENVER STREET	ALEXANDRIA	WASHINGTON	37442	USA	

US_CUSTOMERS 13

Output

Action Output

#	Time	Action	Message
3	19:03:33	CREATE VIEW US_CUSTOMERS AS SELECT * FROM CUSTOMER WHERE COUNTRY='USA'	0 row(s) affected
4	19:03:56	SELECT * FROM US_CUSTOMERS LIMIT 0, 1000	17 row(s) returned
5	19:07:19	SELECT * FROM US_CUSTOMERS LIMIT 0, 1000	17 row(s) returned

4. CREATE ANOTHER VIEW NAMED CUSTOMER_DETAILS WITH COLUMNS FULL NAME(COMBINE FIRST_NAME AND LAST_NAME), EMAIL, PHONE_NO, AND STATE.

```
CREATE VIEW CUSTOMER_DETAILS
AS SELECT CONCAT(FIRST_NAME, LAST_NAME)AS
CUSTOMER_FULL_NAME,EMAIL,PHONE_NO,STATE FROM CUSTOMER
WHERE COUNTRY='USA';
```

```
94 • CREATE VIEW CUSTOMER_DETAILS
95 AS SELECT CONCAT(First_Name, Last_Name)AS CUSTOMER_FULL_NAME,EMAIL,PHONE_NO,STATE FROM CUSTOMER
96 WHERE COUNTRY='USA';
```

Output

Action Output

#	Time	Action	Message
✓ 1	19:12:20	CREATE VIEW CUSTOMER_DETAILS AS SELECT CONCAT(First_Name, Last_Name)AS CUST...	0 row(s) affected

```
SELECT * FROM CUSTOMER_DETAILS;
```

```
98 • SELECT * FROM CUSTOMER_DETAILS;
99
100
```

Result Grid

	CUSTOMER_FULL_NAME	EMAIL	PHONE_NO	STATE
▶	MANUJOSEPH	MANUJOSEPH@GMAIL.COM	983265891	NEW YORK
	MARIAMICHAEL	MARIAMICHAEL@GMAIL.COM	89784556	NEW YORK
	TESSAMICHAEL	TESSAMICHAEL@GMAIL.COM	23451278	COLORADO
	JONAHMICHAEL	JONAHMICHAEL@GMAIL.COM	56452461	NEW YORK
	TINUALRED	ALFREDTINU@GMAIL.COM	56452455	NEW YORK
	JEROMEDANIEL	JEROMEDANIEL@GMAIL.COM	56485845	NEW YORK
	SURESHRAINA	SURESHRAINA@GMAIL.COM	45652280	CALIFORNIA
	ABIJITAWLE	ABIJITAWALE@GMAIL.COM	45651280	CALIFORNIA
	REKHAGEORGE	REKHAGEORGE@GMAIL.COM	25125652	CALIFORNIA
	THANVITHERES	THANVITHERES@GMAIL.COM	47451265	CALIFORNIA
	MANUJOSEPH	MANUJOSEPH@GMAIL.COM	87542354	TEXAS
	MANJUGOPINATH	MANJUGOPINATH@GMAIL.COM	58651232	TEXAS
	PRAKASHMENON	PRAKASHMENON@GMAIL.COM	64123208	TEXAS
	DIVYAANTONY	DIVYANTONY@GMAIL.COM	56721232	TEXAS
	MANJUGOPINATH	MANJUGOPINATH@GMAIL.COM	50751232	TEXAS
	ABDULMAJEED	ABDULMAJEED@GMAIL.COM	45653201	WASHINGTON
	AHMEDSAIFUDIN	AHMEDSAIFUDIN@GMAIL.COM	567865122	WASHINGTON

CUSTOMER_DETAILS 14 x

Output

Action Output

#	Time	Action	Message
✓ 1	19:12:20	CREATE VIEW CUSTOMER_DETAILS AS SELECT CONCAT(First_Name, Last_Name)AS CUST...	0 row(s) affected
✓ 2	19:14:07	SELECT * FROM CUSTOMER_DETAILS LIMIT 0, 1000	17 row(s) returned

5. UPDATE PHONE NUMBERS OF CUSTOMERS WHO LIVE IN CALIFORNIA FOR CUSTOMER_DETAILS VIEW.

```
SELECT * FROM CUSTOMER_DETAILS  
WHERE STATE ='CALIFORNIA';
```

```

100 • SELECT * FROM CUSTOMER_DETAILS
101 WHERE STATE = 'CALIFORNIA';
102

```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	CUSTOMER_FULL_NAME	EMAIL	PHONE_NO	STATE
▶	SURESHRAINA	SURESHRAINA@GMAIL.COM	45652281	CALIFORNIA
	ABIJITAWLE	ABIJITAWALE@GMAIL.COM	45651280	CALIFORNIA
	REKHAGEORGE	REKHAGEORGE@GMAIL.COM	25125652	CALIFORNIA
	THANVITHERES	THANVITHERES@GMAIL.COM	47451265	CALIFORNIA

CUSTOMER_DETAILS 16 ×

Output



Action Output

#	Time	Action	Message
✓ 6	19:37:20	UPDATE CUSTOMER_DETAILS SET PHONE_NO = 45652281 WHERE CUSTOMER_FULL_NAME = 'SURESHRAINA';	1 row(s) affected
✓ 7	19:37:56	SELECT * FROM CUSTOMER_DETAILS WHERE STATE = 'CALIFORNIA' LIMIT 0, 1000	4 row(s) returned

```

UPDATE CUSTOMER_DETAILS
SET PHONE_NO = 45651283
WHERE CUSTOMER_FULL_NAME='ABIJITAWALWE';

```



```

104 • UPDATE CUSTOMER_DETAILS
105 SET PHONE_NO = 45651283
106 WHERE CUSTOMER_FULL_NAME='ABIJITANLE';
107

```

Output

#	Time	Action	Message
✓ 17	19:56:18	SELECT * FROM CUSTOMER_DETAILS WHERE STATE ='CALIFORNIA' LIMIT 0, 1000	4 row(s) returned
✓ 18	19:56:52	UPDATE CUSTOMER_DETAILS SET PHONE_NO = 45651283 WHERE CUSTOMER_FULL_NA...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

```

SET SQL_SAFE_UPDATES = 0;
UPDATE CUSTOMER_DETAILS
SET PHONE_NO = 45652281
WHERE CUSTOMER_FULL_NAME='SURESHRAINA';

```

```

103 • SET SQL_SAFE_UPDATES = 0;
104 • UPDATE CUSTOMER_DETAILS
105 SET PHONE_NO = 45652281
106 WHERE CUSTOMER_FULL_NAME='SURESHRAINA';
107 • UPDATE CUSTOMER_DETAILS

```

Output

#	Time	Action	Message
✓ 6	19:37:20	UPDATE CUSTOMER_DETAILS SET PHONE_NO = 45652281 WHERE CUSTOMER_FULL_NA...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

```

UPDATE CUSTOMER_DETAILS
SET PHONE_NO = 2512654
WHERE CUSTOMER_FULL_NAME='REKHAGEORGE';

```

```

104 • UPDATE CUSTOMER_DETAILS
105 SET PHONE_NO = 2512654
106 WHERE CUSTOMER_FULL_NAME='REKHAGEORGE';
107

```

Output

#	Time	Action	Message
✓ 20	19:59:22	SELECT * FROM CUSTOMER_DETAILS WHERE STATE ='CALIFORNIA' LIMIT 0, 1000	4 row(s) returned
✓ 21	19:59:51	UPDATE CUSTOMER_DETAILS SET PHONE_NO = 2512654 WHERE CUSTOMER_FULL_NAM...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

```

UPDATE CUSTOMER_DETAILS
SET PHONE_NO = 47451263
WHERE CUSTOMER_FULL_NAME='THANVITHERES';

```

```

108 • UPDATE CUSTOMER_DETAILS
109 SET PHONE_NO = 47451263
110 WHERE CUSTOMER_FULL_NAME='THANVITHERES';
111
112
113

```

Output

Action Output

#	Time	Action	Message
✓ 11	19:49:04	SELECT * FROM CUSTOMER_DETAILS WHERE STATE ='CALIFORNIA' LIMIT 0, 1000	4 row(s) returned
✓ 12	19:49:33	UPDATE CUSTOMER_DETAILS SET PHONE_NO = 47451263 WHERE CUSTOMER_FULL_NAME='THANVITHERES';	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

SELECT * FROM CUSTOMER_DETAILS
WHERE STATE ='CALIFORNIA';

```

100 • SELECT * FROM CUSTOMER_DETAILS
101 WHERE STATE ='CALIFORNIA';

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	CUSTOMER_FULL_NAME	EMAIL	PHONE_NO	STATE
▶	SURESHRAINA	SURESHRAINA@GMAIL.COM	45652281	CALIFORNIA
	ABIJITAWLE	ABIJITAWALE@GMAIL.COM	45651283	CALIFORNIA
	REKHAGEORGE	REKHAGEORGE@GMAIL.COM	2512654	CALIFORNIA
	THANVITHERES	THANVITHERES@GMAIL.COM	47451263	CALIFORNIA

- ```
SELECT DISTINCT COUNT(CUSTOMER_ID),STATE,COUNTRY FROM CUSTOMER
GROUP BY STATE, COUNTRY
HAVING COUNT(CUSTOMER_ID)>=1;
```

```
SELECT DISTINCT COUNT(CUSTOMER_ID),STATE,COUNTRY FROM CUSTOMER
GROUP BY STATE, COUNTRY
HAVING COUNT(CUSTOMER_ID)>=5;
```

```
128 • SELECT DISTINCT COUNT(CUSTOMER_ID),STATE,COUNTRY FROM CUSTOMER
129 GROUP BY STATE, COUNTRY
130 HAVING COUNT(CUSTOMER_ID)>=5;
```

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

|   | COUNT(CUSTOMER_ID) | STATE    | COUNTRY |
|---|--------------------|----------|---------|
| ▶ | 5                  | NEW YORK | USA     |
|   | 5                  | TEXAS    | USA     |

Result 55 ×

Output

 Action Output 

|   | # | Time     | Action                                                                       | Message           |
|---|---|----------|------------------------------------------------------------------------------|-------------------|
| ✓ | 1 | 23:46:12 | SELECT DISTINCT COUNT(CUSTOMER_ID),STATE,COUNTRY FROM CUSTOMER GROUP BY S... | 2 row(s) returned |

- ```
SELECT DISTINCT COUNT(STATE),STATE FROM CUSTOMER_DETAILS
GROUP BY STATE;
```

```

133 SELECT DISTINCT COUNT(STATE),STATE FROM CUSTOMER_DETAILS
134 GROUP BY STATE;

```

Result Grid

	COUNT(STATE)	STATE
▶	5	NEW YORK
	1	COLORADO
	4	CALIFORNIA
	5	TEXAS
	2	WASHINGTON

Result 60 x


Output

Action Output





#	Time	Action	Message
✓ 1	23:55:29	SELECT DISTINCT COUNT(STATE),STATE FROM CUSTOMER_DETAILS GROUP BY STATE LIM...	5 row(s) returned

8. WRITE A QUERY THAT RETURNS ALL THE COLUMNS FROM THE "CUSTOMER_DETAILS" VIEW, SORTED BY THE "STATE" COLUMN IN ASCENDING ORDER.

```
SELECT * FROM CUSTOMER_DETAILS  
ORDER BY STATE;
```

136 • `SELECT * FROM CUSTOMER_DETAILS` 


137 `ORDER BY STATE`

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	CUSTOMER_FULL_NAME	EMAIL	PHONE_NO	STATE
▶	SURESHRAINA	SURESHRAINA@GMAIL.COM	45652281	CALIFORNIA
	ABIJITAWLE	ABIJITAWALE@GMAIL.COM	45651283	CALIFORNIA
	REKHAGEORGE	REKHAGEORGE@GMAIL.COM	2512654	CALIFORNIA
	THANVITHERES	THANVITHERES@GMAIL.COM	47451263	CALIFORNIA
	TESSAMICHAEL	TESSAMICHAEL@GMAIL.COM	23451278	COLORADO
	MANUJOSEPH	MANUJOSEPH@GMAIL.COM	983265891	NEW YORK
	MARIAMICHAEL	MARIAMICHAEL@GMAIL.COM	89784556	NEW YORK
	JONAHMICHAEL	JONAHMICHAEL@GMAIL.COM	56452461	NEW YORK
	TINUALRED	ALFREDTINU@GMAIL.COM	56452455	NEW YORK
	JEROMEDANIEL	JEROMEDANIEL@GMAIL.COM	56485845	NEW YORK
	MANUJOSEPH	MANUJOSEPH@GMAIL.COM	87542354	TEXAS
	MANJUGOPINATH	MANJUGOPINATH@GMAIL.COM	58651232	TEXAS
	PRAKASHMENON	PRAKASHMENON@GMAIL.COM	64123208	TEXAS
	DIVYAANTONY	DIVYANTONY@GMAIL.COM	56721232	TEXAS
	MANJUGOPINATH	MANJUGOPINATH@GMAIL.COM	50751232	TEXAS
	ABDULMAJEED	ABDULMAJEED@GMAIL.COM	45653201	WASHINGTON
	AHMEDSAIFUDIN	AHMEDSAIFDIN@GMAIL.COM	567865122	WASHINGTON

CUSTOMER_DETAILS 65 ×

Output

 Action Output ▼

#	Time	Action	Message
✓ 7	00:00:03	SELECT * FROM CUSTOMER_DETAILS ORDER BY STATE desc LIMIT 0, 1000	17 row(s) returned