


Number of persons in each country.

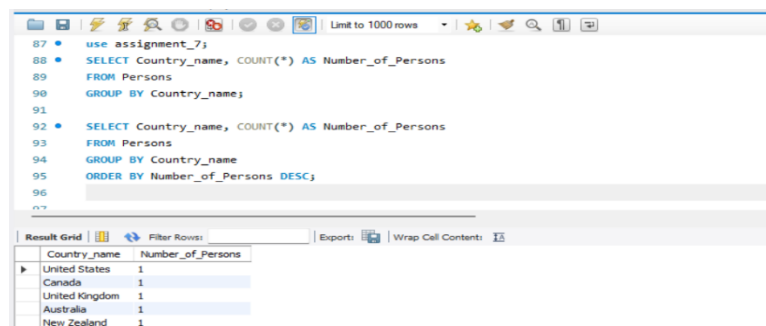


```
81
82 • SELECT
83   Country_name,
84   UPPER(Country_name) AS UppercaseName,
85   LOWER(Country_name) AS LowercaseName
86 FROM Country;
87 • use assignment_7;
88 • SELECT Country_name, COUNT(*) AS Number_of_Persons
89 FROM Persons
90 GROUP BY Country_name;
```

Result Grid

Country_name	Number_of_Persons
United States	1
Canada	1
United Kingdom	1
Australia	1
New Zealand	1

Number of persons in each country sorted from high to low.

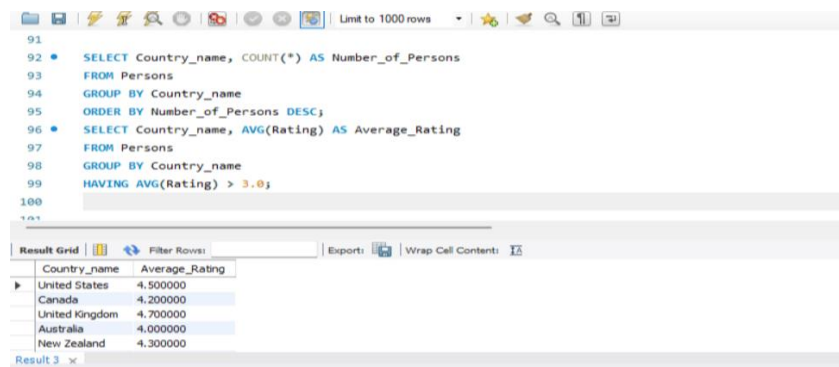


```
87 • use assignment_7;
88 • SELECT Country_name, COUNT(*) AS Number_of_Persons
89 FROM Persons
90 GROUP BY Country_name;
91 • SELECT Country_name, COUNT(*) AS Number_of_Persons
92 FROM Persons
93 GROUP BY Country_name
94 ORDER BY Number_of_Persons DESC;
```

Result Grid

Country_name	Number_of_Persons
United States	1
Canada	1
United Kingdom	1
Australia	1
New Zealand	1

Average rating for persons in respective countries if the average is greater than 3.0.



```
91
92 • SELECT Country_name, COUNT(*) AS Number_of_Persons
93 FROM Persons
94 GROUP BY Country_name
95 ORDER BY Number_of_Persons DESC;
96 • SELECT Country_name, AVG(Rating) AS Average_Rating
97 FROM Persons
98 GROUP BY Country_name
99 HAVING AVG(Rating) > 3.0;
```

Result Grid

Country_name	Average_Rating
United States	4.500000
Canada	4.200000
United Kingdom	4.700000
Australia	4.000000
New Zealand	4.300000

Countries with the same rating as the USA.



```
94 GROUP BY Country_name
95 ORDER BY Number_of_Persons DESC;
96 • SELECT Country_name, AVG(Rating) AS Average_Rating
97 FROM Persons
98 GROUP BY Country_name
99 HAVING AVG(Rating) > 3.0;
100 • SELECT Country_name
101 FROM Country
102 WHERE Rating = (SELECT Rating FROM Country WHERE Country_name = 'United States');
```

Result Grid

Country_name
United States

All countries whose population is greater than the average population of all nations.

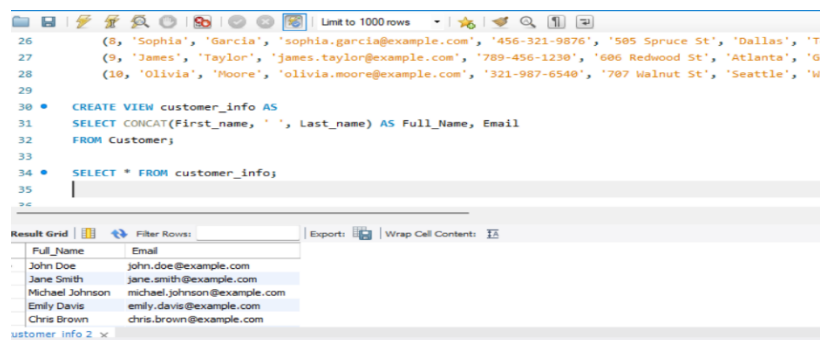


```
97 FROM Persons
98 GROUP BY Country_name
99 HAVING AVG(Rating) > 3.0;
100 • SELECT Country_name
101 FROM Country
102 WHERE Rating = (SELECT Rating FROM Country WHERE Country_name = 'United States');
103 • SELECT Country_name, Population
104 FROM Country
105 WHERE Population > (SELECT AVG(Population) FROM Country);
106
```

Result Grid

Country_name	Population
United Kingdom	8500000
India	12000000
Germany	8000000
France	7000000

View named customer_info and perform SELECT operation.



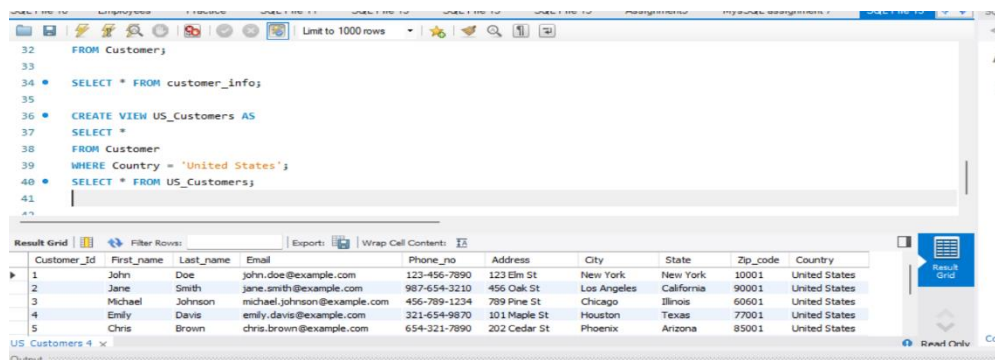
```
26 (8, 'Sophia', 'Garcia', 'sophia.garcia@example.com', '456-321-9876', '505 Spruce St', 'Dallas', 'Te
27 (9, 'James', 'Taylor', 'james.taylor@example.com', '789-456-1230', '606 Redwood St', 'Atlanta', 'Ge
28 (10, 'Olivia', 'Moore', 'olivia.moore@example.com', '321-987-6540', '707 Walnut St', 'Seattle', 'Wa
29
30 • CREATE VIEW customer_info AS
31 SELECT CONCAT(First_name, ' ', Last_name) AS Full_Name, Email
32 FROM Customer;
33
34 • SELECT * FROM customer_info;
35
```

Result Grid

Full_Name	Email
John Doe	john.doe@example.com
Jane Smith	jane.smith@example.com
Michael Johnson	michael.johnson@example.com
Emily Davis	emily.davis@example.com
Chris Brown	chris.brown@example.com

customer_info 2 x

View named US_Customers.



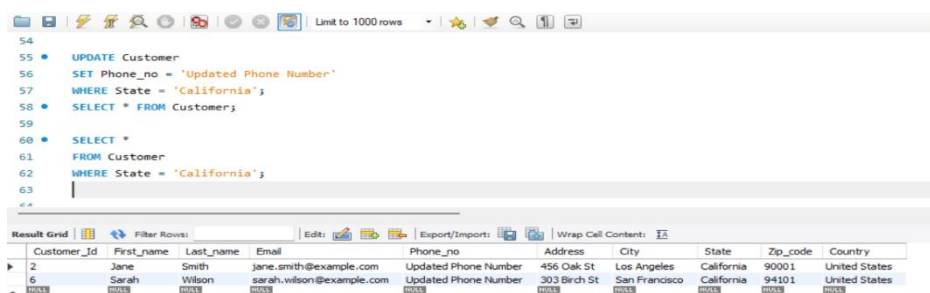
```
32 FROM Customer;
33
34 • SELECT * FROM customer_info;
35
36 • CREATE VIEW US_Customers AS
37 SELECT *
38 FROM Customer
39 WHERE Country = 'United States';
40 • SELECT * FROM US_Customers;
41
```

Result Grid

Customer_Id	First_name	Last_name	Email	Phone_no	Address	City	State	Zip_code	Country
1	John	Doe	john.doe@example.com	123-456-7890	123 Elm St	New York	New York	10001	United States
2	Jane	Smith	jane.smith@example.com	987-654-3210	456 Oak St	Los Angeles	California	90001	United States
3	Michael	Johnson	michael.johnson@example.com	456-789-1234	789 Pine St	Chicago	Illinois	60601	United States
4	Emily	Davis	emily.davis@example.com	321-654-9870	101 Maple St	Houston	Texas	77001	United States
5	Chris	Brown	chris.brown@example.com	654-321-7890	202 Cedar St	Phoenix	Arizona	85001	United States

US_Customers 4 x

Update phone numbers of customers who live in California for Customer_details.

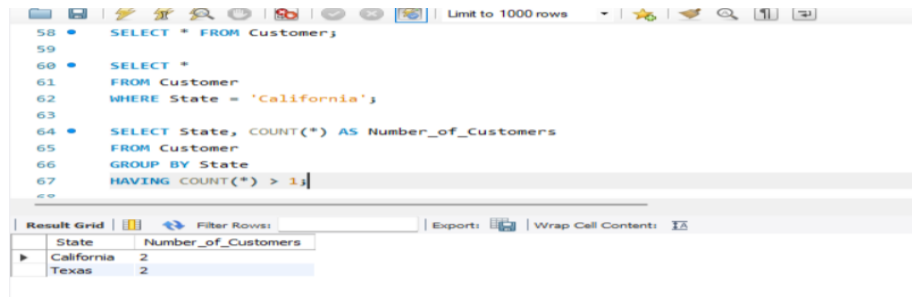


```
54
55 • UPDATE Customer
56 SET Phone_no = 'Updated Phone Number'
57 WHERE State = 'California';
58 • SELECT * FROM Customer;
59
60 • SELECT *
61 FROM Customer
62 WHERE State = 'California';
63
```

Result Grid

Customer_Id	First_name	Last_name	Email	Phone_no	Address	City	State	Zip_code	Country
2	Jane	Smith	jane.smith@example.com	Updated Phone Number	456 Oak St	Los Angeles	California	90001	United States
6	Sarah	Wilson	sarah.wilson@example.com	Updated Phone Number	303 Birch St	San Francisco	California	94101	United States

Number of customers in each state and show only states with more than 1 customers.

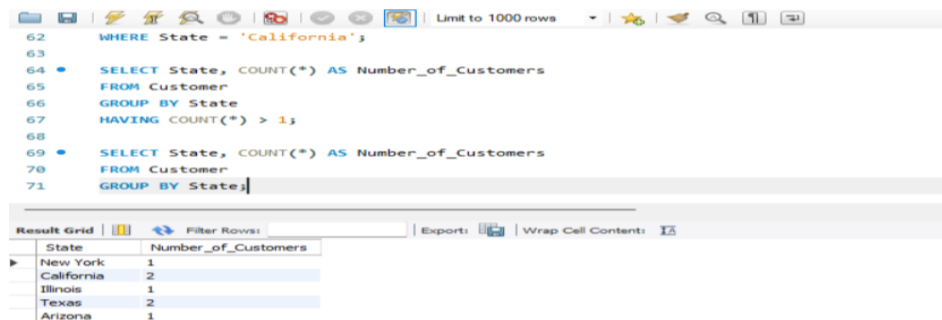


```
58 • SELECT * FROM Customer;
59
60 • SELECT *
61 FROM Customer
62 WHERE State = 'California';
63
64 • SELECT State, COUNT(*) AS Number_of_Customers
65 FROM Customer
66 GROUP BY State
67 HAVING COUNT(*) > 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 13

State	Number_of_Customers
California	2
Texas	2

Query that will return the number of customers in each state from Customer_details.

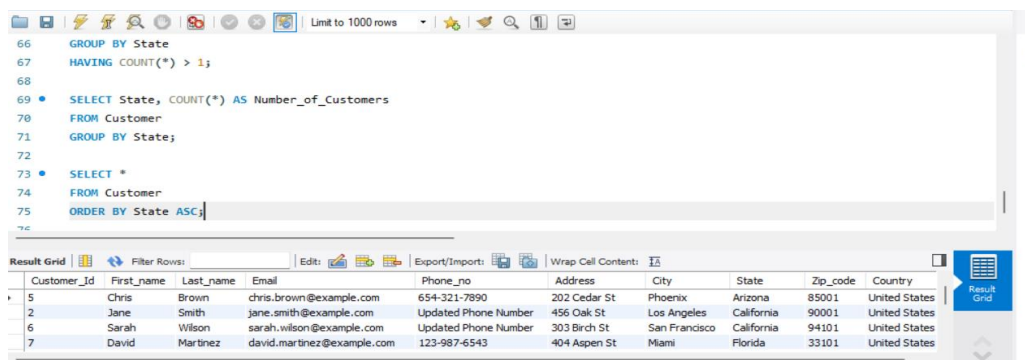


```
62 WHERE State = 'California';
63
64 • SELECT State, COUNT(*) AS Number_of_Customers
65 FROM Customer
66 GROUP BY State
67 HAVING COUNT(*) > 1;
68
69 • SELECT State, COUNT(*) AS Number_of_Customers
70 FROM Customer
71 GROUP BY State;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 13

State	Number_of_Customers
New York	1
California	2
Illinois	1
Texas	2
Arizona	1

Query that returns all columns from Customer_details sorted by State in ascending order.



```
66 GROUP BY State
67 HAVING COUNT(*) > 1;
68
69 • SELECT State, COUNT(*) AS Number_of_Customers
70 FROM Customer
71 GROUP BY State;
72
73 • SELECT *
74 FROM Customer
75 ORDER BY State ASC;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 13

Customer_id	First_name	Last_name	Email	Phone_no	Address	City	State	Zip_code	Country
5	Chris	Brown	chris.brown@example.com	654-321-7890	202 Cedar St	Phoenix	Arizona	85001	United States
2	Jane	Smith	jane.smith@example.com	Updated Phone Number	456 Oak St	Los Angeles	California	90001	United States
6	Sarah	Wilson	sarah.wilson@example.com	Updated Phone Number	303 Birch St	San Francisco	California	94101	United States
7	David	Martinez	david.martinez@example.com	123-987-6543	404 Aspen St	Miami	Florida	33101	United States