

GROUP 5
SAKILA II
Aldrei Glenn Nuqui

1. Get all the list of customers.

```
1 • SELECT *
2 FROM customer;
3
4
```

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date	last_update
▶	1	1	MARY	SMITH	MARY.SMITH@sakilacustomer.org	5	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	2	1	PATRICIA	JOHNSON	PATRICIA.JOHNSON@sakilacustomer.org	6	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	3	1	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org	7	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	4	2	BARBARA	JONES	BARBARA.JONES@sakilacustomer.org	8	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	5	1	ELIZABETH	BROWN	ELIZABETH.BROWN@sakilacustomer.org	9	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	6	2	JENNIFER	DAVIS	JENNIFER.DAVIS@sakilacustomer.org	10	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	7	1	MARIA	MILLER	MARIA.MILLER@sakilacustomer.org	11	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	8	2	SUSAN	WILSON	SUSAN.WILSON@sakilacustomer.org	12	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	9	2	MARGARET	MOORE	MARGARET.MOORE@sakilacustomer.org	13	1	2006-02-14 22:04:36	2006-02-14 12:57:20

2. Get all the list of customers as well as their address.

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5
6
```

	customer_name	address
▶	MARY SMITH	1913 Hanoi Way
	PATRICIA JOHNSON	1121 Loja Avenue
	LINDA WILLIAMS	692 Joliet Street
	BARBARA JONES	1566 Inegl Manor
	ELIZABETH BROWN	53 Idfu Parkway
	JENNIFER DAVIS	1795 Santiago de Compostela Way
	MARIA MILLER	900 Santiago de Compostela Parkway
	SUSAN WILSON	478 Joliet Way
	MARGARET MOORE	613 Kersley Drive

3. Get all the list of customers as well as their address and the city name.

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address, city
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5 INNER JOIN city
6 ON address.city_id = city.city_id
7
```

customer_name	address	city
MARY SMITH	1913 Hanoi Way	Sasebo
PATRICIA JOHNSON	1121 Loja Avenue	San Bernardino
LINDA WILLIAMS	692 Joliet Street	Athenai
BARBARA JONES	1566 Inegl Manor	Myingyan
ELIZABETH BROWN	53 Idfu Parkway	Nantou
JENNIFER DAVIS	1795 Santiago de Compostela Way	Laredo
MARIA MILLER	900 Santiago de Compostela Parkway	Kragujevac
SUSAN WILSON	478 Joliet Way	Hamilton
MARGARET MOORE	613 Kessler Drive	Manassas

4. Get all the list of customers as well as their address, city name, and the country.

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address, city, country
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5 INNER JOIN city
6 ON address.city_id = city.city_id
7 INNER JOIN country
8 ON city.country_id = country.country_id
```

customer_name	address	city	country
VERA MCCOY	1168 Najafabad Parkway	Kabul	Afghanistan
MARIO CHEATHAM	1924 Shimonoseki Drive	Batna	Algeria
JUDY GRAY	1031 Daugavpils Parkway	Bchar	Algeria
JUNE CARROLL	757 Rustenburg Avenue	Skikda	Algeria
ANTHONY SCHWAB	1892 Naberezhnye Telny Lane	Tafuna	American Samoa
CLAUDE HERZOG	486 Ondo Parkway	Benguela	Angola
MARTIN BALES	368 Hunuco Boulevard	Namibe	Angola
BOBBY BOUDREAU	1368 Maracabo Boulevard	South Hill	Anguilla
MARILEE MARIAM	1632 Kesteven Drive	Almota Beach	Antigua

5. Get all the list of customers who live in Bolivia

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address, city, country
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5 INNER JOIN city
6 ON address.city_id = city.city_id
7 INNER JOIN country
8 ON city.country_id = country.country_id
9 WHERE country = 'Bolivia';
```

<

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

	customer_name	address	city	country
▶	JON WILES	659 Gatineau Boulevard	El Alto	Bolivia
	JOEL FRANCISCO	287 Cuautla Boulevard	Sucre	Bolivia

6. Get all the list of customers who live in Bolivia, Germany and Greece

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address, city, country
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5 INNER JOIN city
6 ON address.city_id = city.city_id
7 INNER JOIN country
8 ON city.country_id = country.country_id
9 WHERE country = 'Bolivia' OR country = 'Germany' OR country = 'Greece';
```

<

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

	customer_name	address	city	country
▶	JON WILES	659 Gatineau Boulevard	El Alto	Bolivia
	JOEL FRANCISCO	287 Cuautla Boulevard	Sucre	Bolivia
	GRACE ELLIS	442 Rae Bareli Place	Duisburg	Germany
	MIGUEL BETANCOURT	319 Springs Loop	Erlangen	Germany
	VICKIE BREWER	1966 Tonghae Street	Halle/Saale	Germany
	ALMA AUSTIN	1074 Binzhou Manor	Mannheim	Germany
	COLLEEN BURTON	430 Alessandria Loop	Saarbrcken	Germany
	VANESSA SIMS	1792 Valle de la Pascua Place	Siegen	Germany
	VICKIE BREWER	60 Melodrama Manor	Witten	Germany

Result 41 x

7. Get all the list of customers who live in the city of Baku.

```
1 • SELECT CONCAT(first_name, ' ', last_name) AS customer_name, address, city, country
2 FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id
5 INNER JOIN city
6 ON address.city_id = city.city_id
7 INNER JOIN country
8 ON city.country_id = country.country_id
9 WHERE city = 'Baku';
```

<

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

	customer_name	address	city	country
▶	ANDREW PURDY	431 Szkesfehrvr Avenue	Baku	Azerbaijan

8. Get all the list of customers who live in the city of Baku, Beira, and Bergamo.

```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name,
3     country,
4     LENGTH(country) AS country_name_length
5 FROM
6     customer
7     INNER JOIN
8     address ON customer.address_id = address.address_id
9     INNER JOIN
10    city ON address.city_id = city.city_id
11    INNER JOIN
12    country ON city.country_id = country.country_id
13 WHERE
14     LENGTH(country) < 5
15 ORDER BY LENGTH(customer_name) DESC;
```



<

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

	customer_name	country	country_name_length
▶	KATHLEEN ADAMS	Iran	4
	DOROTHY TAYLOR	Iran	4
	HOWARD FORTNER	Iran	4
	ROBERTA HARPER	Iran	4
	DIANNE SHELTON	Iran	4
	MARGARET MOORE	Oman	4

9. Get all the list of customers who live in a country where the country name's length is less than 5. Show the customer with the longest full name first. (Hint: Look into how you can concatenate a string in SQL).

```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name,
3     country,
4     LENGTH(country) AS country_name_length
5 FROM
6     customer
7     INNER JOIN
8     address ON customer.address_id = address.address_id
9     INNER JOIN
10    city ON address.city_id = city.city_id
11    INNER JOIN
12    country ON city.country_id = country.country_id
13 WHERE
14     LENGTH(country) < 5
15 ORDER BY LENGTH(customer_name) DESC;
```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: 			
	customer_name	country	country_name_length
▶	KATHLEEN ADAMS	Iran	4
	DOROTHY TAYLOR	Iran	4
	HOWARD FORTNER	Iran	4
	ROBERTA HARPER	Iran	4
	DIANNE SHELTON	Iran	4
	MARGARET MOORE	Oman	4

10. Get all the list of customers who live in a city name whose length is more than 10. Order the result so that the customers who live in the same country are shown together.





```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name,
3     country, city,
4     LENGTH(city) AS city_name_length
5 FROM
6     customer
7     INNER JOIN
8     address ON customer.address_id = address.address_id
9     INNER JOIN
10    city ON address.city_id = city.city_id
11    INNER JOIN
12    country ON city.country_id = country.country_id
13 WHERE
14     LENGTH(city) > 10;
```

<				
Result Grid				
Filter Rows: <input type="text"/>				
Export: 				
Wrap Cell Content: 				
	customer_name	country	city	city_name_length
▶	WILLIE MARKHAM	Argentina	Almirante Brown	15
	JASON MORRISSEY	Argentina	Baha Blanca	11
	LYDIA BURKE	Argentina	San Miguel de Tucumán	20
	WILLIE HOWELL	Argentina	Vicente Lopez	12
	JOSEPH JOY	Brazil	Angra dos Reis	14
	NATALIE MEYER	Brazil	Aparecida de Goiania	19
	CHARLOTTE HUNTER	Brazil	guas Lindas de Gois	19
	FRANCES PARKER	Brazil	Itapecirica do Norte	17

11. Get all the list of customers who live in a city where the city name includes the word 'ba'. For example, Arratuba or Baiyin should show up in your result.

```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name, city
3 FROM
4     customer
5     INNER JOIN
6     address ON customer.address_id = address.address_id
7     INNER JOIN
8     city ON address.city_id = city.city_id
9 WHERE
10    city LIKE '%ba%'
11
12
```

<

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

	customer_name	city
▶	SEAN DOUGLASS	Addis Abeba
	ARLENE HARVEY	Ambattur
	JANE BENNETT	Araatuba
	JEANNE LAWSON	Ashgabat
	ANTONIO MEEK	Bag
	JASON MORRISSEY	Baha Blanca
	TED BREAUX	Baicheng
	CHARLIE BESS	Baivin

12. Get all the list of customers where the city name includes a space. Order the result so that customers who live in the longest city are shown first.

```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name, city,
3     LENGTH(city) AS city_name_length
4 FROM
5     customer
6     INNER JOIN
7     address ON customer.address_id = address.address_id
8     INNER JOIN
9     city ON address.city_id = city.city_id
10 ORDER BY
11     LENGTH(CONCAT(city)) DESC;
12
13
```

	customer_name	city	city_name_length
▶	MYRTLE FLEMING	Santiago de los Caballeros	26
	JEFF EAST	San Felipe de Puerto Plata	26
	FRANCIS SIKES	San Juan Bautista Tuxtepec	26
	DIANA ALEXANDER	Augusta-Richmond County	23
	VIOLET RODRIQUEZ	Kowloon and New Kowloon	23
	RONALD WEINER	San Felipe del Progreso	23
	MARVIN YEE	Berhampore (Baharampur)	23
	STELLA MORENO	Coacalco de Berriozabal	22

13. Get all the customers where the country name is longer than the city name.

```
1 • SELECT
2     (CONCAT(first_name, ' ', last_name)) AS customer_name, city, country,
3     LENGTH(city) AS city_name_length, LENGTH(country) AS country_name_length
4 FROM
5     customer
6     INNER JOIN
7     address ON customer.address_id = address.address_id
8     INNER JOIN
9     city ON address.city_id = city.city_id
10    INNER JOIN
11    country ON city.country_id = country.country_id
12 ORDER BY
13     LENGTH(country) > LENGTH(city) DESC;
14
```

	customer_name	city	country	city_name_length	country_name_length
▶	VERA MCCOY	Kabul	Afghanistan	5	11
	MARIO CHEATHAM	Batna	Algeria	5	7
	JUDY GRAY	Bchar	Algeria	5	7
	JUNE CARROLL	Skikda	Algeria	6	7
	ANTHONY SCHWAB	Tafuna	American Samoa	6	14
	KIMBERLY LEE	Crdoba	Argentina	6	9
	MICHEAL FORMAN	Escobar	Argentina	7	9
	DARRYL ASHCRAFT	Fzeiza	Argentina	6	9