Sakila I – Assignment

1. Retrieve customer information (all fields) where customer_id is 20.

	customer_id	store_id	first_name	last_name	email	address_id	active
▶	20	2	SHARON	ROBINSON	SHARON.ROBINSON@sakilacustomer.org	24	1

1 row(s) returned

2. Retrieve customer information (all fields) where customer_id is BETWEEN 20 and 60.

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date
▶	20	2	SHARON	ROBINSON	SHARON.ROBINSON@sakilacustomer.org	24	1	2006-02-14 22:04:36
	21	1	MICHELLE	CLARK	MICHELLE.CLARK@sakilacustomer.org	25	1	2006-02-14 22:04:36
	22	1	LAURA	RODRIGUEZ	LAURA.RODRIGUEZ@sakilacustomer.org	26	1	2006-02-14 22:04:36
	23	2	SARAH	LEWIS	SARAH.LEWIS@sakilacustomer.org	27	1	2006-02-14 22:04:36
	24	2	KIMBERLY	LEE	KIMBERLY.LEE@sakilacustomer.org	28	1	2006-02-14 22:04:36

41 row(s) returned

3. Retrieve customer information (all fields) WHERE first_name starts with L.

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date
▶	3	1	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org	7	1	2006-02-14 22:04:36
	11	2	LISA	ANDERSON	LISA.ANDERSON@sakilacustomer.org	15	1	2006-02-14 22:04:36
	22	1	LAURA	RODRIGUEZ	LAURA.RODRIGUEZ@sakilacustomer.org	26	1	2006-02-14 22:04:36
	78	1	LORI	WOOD	LORI.WOOD@sakilacustomer.org	82	1	2006-02-14 22:04:36
	83	1	LOUISE	JENKINS	LOUISE.JENKINS@sakilacustomer.org	87	1	2006-02-14 22:04:36

35 row(s) returned

4. Retrieve customer information (all fields) WHERE first_name includes L.

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date
▶	3	1	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org	7	1	2006-02-14 22:04:36
	5	1	ELIZABETH	BROWN	ELIZABETH.BROWN@sakilacustomer.org	9	1	2006-02-14 22:04:36
	11	2	LISA	ANDERSON	LISA.ANDERSON@sakilacustomer.org	15	1	2006-02-14 22:04:36
	15	1	HELEN	HARRIS	HELEN.HARRIS@sakilacustomer.org	19	1	2006-02-14 22:04:36
	18	2	CAROL	GARCIA	CAROL.GARCIA@sakilacustomer.org	22	1	2006-02-14 22:04:36

211 row(s) returned

5. Retrieve customer information (all fields) WHERE first_name ends with L.

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date
▶	18	2	CAROL	GARCIA	CAROL.GARCIA@sakilacustomer.org	22	1	2006-02-14 22:04:36
	59	1	CHERYL	MURPHY	CHERYL.MURPHY@sakilacustomer.org	63	1	2006-02-14 22:04:36
	79	1	RACHEL	BARNES	RACHEL.BARNES@sakilacustomer.org	83	1	2006-02-14 22:04:36
	102	1	CRYSTAL	FORD	CRYSTAL.FORD@sakilacustomer.org	106	1	2006-02-14 22:04:36
	125	1	ETHEL	WEBB	ETHEL.WEBB@sakilacustomer.org	129	1	2006-02-14 22:04:36

38 row(s) returned

6. Retrieve customer information (all fields) WHERE last_name starts with C and have the results be shown, starting with the record where it was created most recently.

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date
▶	310	2	DANIEL	CABRAL	DANIEL.CABRAL@sakilacustomer.org	315	1	2006-02-14 22:04:37
	272	1	KAY	CALDWELL	KAY.CALDWELL@sakilacustomer.org	277	1	2006-02-14 22:04:37
	536	2	FERNANDO	CHURCHILL	FERNANDO.CHURCHILL@sakilacustomer.org	542	1	2006-02-14 22:04:37
	419	1	CHAD	CARBONE	CHAD.CARBONE@sakilacustomer.org	424	1	2006-02-14 22:04:37
	599	2	AUSTIN	CINTRON	AUSTIN.CINTRON@sakilacustomer.org	605	1	2006-02-14 22:04:37

52 row(s) returned

7. Retrieve customer information (all fields) WHERE last_name includes NN. Only have it retrieve the top 5 records, where the first record shown is the oldest customer (in terms of the create_date).

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date	last_update
▶	77	2	JANE	BENNETT	JANE.BENNETT@sakilacustomer.org	81	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	137	2	RHONDA	KENNEDY	RHONDA.KENNEDY@sakilacustomer.org	141	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	160	2	ERIN	DUNN	ERIN.DUNN@sakilacustomer.org	164	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	180	2	STACY	CUNNINGHAM	STACY.CUNNINGHAM@sakilacustomer.org	184	1	2006-02-14 22:04:36	2006-02-14 12:57:20
	274	1	NAOMI	JENNINGS	NAOMI.JENNINGS@sakilacustomer.org	279	1	2006-02-14 22:04:37	2006-02-14 12:57:20

5 row(s) returned

8. Retrieve customer information (customer_id, first_name, last_name, and email address only) for customers with the following customer_id 515, 181, 582, 503, 29, 85.

	customer_id	first_name	last_name	email
▶	29	ANGELA	HERNANDEZ	ANGELA.HERNANDEZ@sakilacustomer.org
	85	ANNE	POWELL	ANNE.POWELL@sakilacustomer.org
	181	ANA	BRADLEY	ANA.BRADLEY@sakilacustomer.org
	503	ANGEL	BARCLAY	ANGEL.BARCLAY@sakilacustomer.org
	515	ANDRE	RAPP	ANDRE.RAPP@sakilacustomer.org
	582	ANDY	VANHORN	ANDY.VANHORN@sakilacustomer.org

6 row(s) returned

9. Retrieve customer information where store_id is 2. Now when displaying the columns, instead of the column name be 'email', have it appear as 'email_address'.

	first_name	last_name	email_address	store_id
▶	BARBARA	JONES	BARBARA.JONES@sakilacustomer.org	2
	JENNIFER	DAVIS	JENNIFER.DAVIS@sakilacustomer.org	2
	SUSAN	WILSON	SUSAN.WILSON@sakilacustomer.org	2
	MARGARET	MOORE	MARGARET.MOORE@sakilacustomer.org	2
	LISA	ANDERSON	LISA.ANDERSON@sakilacustomer.org	2
	KAREN	JACKSON	KAREN.JACKSON@sakilacustomer.org	2

273 row(s) returned

10. Retrieve customer information (only the first_name, last_name, and email) but order the result with the email address in the DESC order.

	first_name	last_name	email
▶	ZACHARY	HITE	ZACHARY.HITE@sakilacustomer.org
	YVONNE	WATKINS	YVONNE.WATKINS@sakilacustomer.org
	YOLANDA	WEAVER	YOLANDA.WEAVER@sakilacustomer.org
	WILMA	RICHARDS	WILMA.RICHARDS@sakilacustomer.org
	WILLIE	MARKHAM	WILLIE.MARKHAM@sakilacustomer.org
	WILLIE	HOWELL	WILLIE.HOWELL@sakilacustomer.org

500 row(s) returned

11. Retrieve only 'active' customer information (only the customer_id, first_name, last_name, and email) and where their record was created in the month of February.

	customer_id	first_name	last_name	email
▶	1	MARY	SMITH	MARY.SMITH@sakilacustomer.org
	2	PATRICIA	JOHNSON	PATRICIA.JOHNSON@sakilacustomer.org
	3	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org
	4	BARBARA	JONES	BARBARA.JONES@sakilacustomer.org
	5	ELIZABETH	BROWN	ELIZABETH.BROWN@sakilacustomer.org
	6	JENNIFER	DAVIS	JENNIFER.DAVIS@sakilacustomer.org

584 row(s) returned

12. customer records (email field as well as email_length field) where the customer with the longest email address is shown first. If customers have the same length of email address, order the list by the email field in the ASC order (meaning it shows email address that starts with 'A' first).

email	email_length
MITCHELL.WESTMORELAND@sakilacustomer.org	40
JONATHAN.SCARBOROUGH@sakilacustomer.org	39
WILLIAM.SATTERFIELD@sakilacustomer.org	38
CATHERINE.CAMPBELL@sakilacustomer.org	37
FERNANDO.CHURCHILL@sakilacustomer.org	37
FRANCISCO.SKIDMORE@sakilacustomer.org	37

599 row(s) returned

13. Now retrieve top 100 customer records with the shortest email address.

email	email_length
JIM.REA@sakilacustomer.org	26
TIM.CARY@sakilacustomer.org	27
JAY.ROBB@sakilacustomer.org	27
GARY.COY@sakilacustomer.org	27
TODD.TAN@sakilacustomer.org	27

100 row(s) returned