

Brennan Huber, Matthew Marshall
HW6

Query 1:

```
SELECT last_name, first_name, email
FROM customer
ORDER BY last_name;
```

Administration - Data Export

Limit to 1000 rows

1 -- Question 1
2 • SELECT last_name, first_name, email
3 FROM customer ORDER BY last_name
4
5 -- Question 2
6
7 -- Question 3
8
9 -- Question 4
10

Result Grid

last_name	first_name	email
ABNEY	RAFAEL	RAFAEL.ABNEY@sakilacustomer.org
ADAM	NATHANIEL	NATHANIEL.ADAM@sakilacustomer.org
ADAMS	KATHLEEN	KATHLEEN.ADAMS@sakilacustomer.org
ALEXANDER	DIANA	DIANA.ALEXANDER@sakilacustomer.org
ALLARD	GORDON	GORDON.ALLARD@sakilacustomer.org
ALLEN	SHIRLEY	SHIRLEY.ALLEN@sakilacustomer.org
ALVAREZ	CHARLENE	CHARLENE.ALVAREZ@sakilacustomer.org
ANDERSON	LISA	LISA.ANDERSON@sakilacustomer.org
ANDREW	JOSE	JOSE.ANDREW@sakilacustomer.org
ANDREWS	IDA	IDA.ANDREWS@sakilacustomer.org
AQUINO	OSCAR	OSCAR.AQUINO@sakilacustomer.org
ARCE	HARRY	HARRY.ARCE@sakilacustomer.org
ARCHULETA	JORDAN	JORDAN.ARCHULETA@sakilacustomer.org
ARMSTRONG	MELANIE	MELANIE.ARMSTRONG@sakilacustomer.org
ARNOLD	BEATRICE	BEATRICE.ARNOLD@sakilacustomer.org
ARSENAULT	KENT	KENT.ARSENAULT@sakilacustomer.org
ARTIS	CARL	CARL.ARTIS@sakilacustomer.org
ASHCRAFT	DARRYL	DARRYL.ASHCRAFT@sakilacustomer.org
ASHER	TYRONE	TYRONE.ASHER@sakilacustomer.org
AUSTIN	ALMA	ALMA.AUSTIN@sakilacustomer.org
BAILEY	MILDRED	MILDRED.BAILEY@sakilacustomer.org
BAKER	PAMELA	PAMELA.BAKER@sakilacustomer.org
BALES	MARTIN	MARTIN.BALES@sakilacustomer.org
BANDA	EVERETT	EVERETT.BANDA@sakilacustomer.org
BANKS	JESSIE	JESSIE.BANKS@sakilacustomer.org
BARBEE	CLAYTON	CLAYTON.BARBEE@sakilacustomer.org
BARCLAY	ANGEL	ANGEL.BARCLAY@sakilacustomer.org
BARFIELD	NICHOLAS	NICHOLAS.BARFIELD@sakilacustomer.org
BARKLEY	VICTOR	VICTOR.BARKLEY@sakilacustomer.org
BARNES	RACHEL	RACHEL.BARNES@sakilacustomer.org

customer 7 x

Output

Action Output

#	Time	Action	Message
8	21:06:17	SELECT title, description, rating FROM film f WHERE f.rating = "R" LIMIT 0, 1000	195 row(s) returned
9	21:07:27	SELECT actors FROM film f WHERE f.rating = "R" LIMIT 0, 1000	Error Code: 1054. Unknown column 'actors' in field list
10	21:07:38	SELECT actor FROM film f WHERE f.rating = "R" LIMIT 0, 1000	Error Code: 1054. Unknown column 'actor' in field list
11	21:41:14	SELECT * FROM customer -- Question 2 -- Question 3 -- Question 4 -- Question 5 -- Question 6 -- Question 7 -- Question 8 -- Question 9 -- Question...	599 row(s) returned
12	21:41:54	SELECT last_name, first_name, email FROM customer -- Question 2 -- Question 3 -- Question 4 -- Question 5 -- Question 6 -- Question 7 -- Question...	599 row(s) returned
13	21:42:35	SELECT last_name, first_name, email FROM customer ORDER BY last_name -- Question 2 -- Question 3 -- Question 4 -- Question 5 -- Question 6 -- ...	599 row(s) returned

Query 2:

```
SELECT last_name, first_name, email
FROM customer
WHERE active=0
ORDER BY last_name;
```

Queries

```

1 • SELECT * FROM customer;
2
3 -- Question 1
4 • SELECT last_name, first_name, email
5 FROM customer ORDER BY last_name;
6
7 -- Question 2
8 • SELECT last_name, first_name, email
9 FROM customer WHERE active=0
10 ORDER BY last_name;

```

Result Grid

last_name	first_name	email
ARCE	HARRY	HARRY.ARCE@sakilacustomer.org
COX	JUDITH	JUDITH.COX@sakilacustomer.org
CRAWLEY	MAURICE	MAURICE.CRAWLEY@sakilacustomer.org
CULP	THEODORE	THEODORE.CULP@sakilacustomer.org
EASTER	BEN	BEN.EASTER@sakilacustomer.org
EGGLESTON	JIMMIE	JIMMIE.EGGLESTON@sakilacustomer.org
GOODEN	KENNETH	KENNETH.GOODEN@sakilacustomer.org
JUNG	CHRISTIAN	CHRISTIAN.JUNG@sakilacustomer.org
LARSON	HEIDI	HEIDI.LARSON@sakilacustomer.org
MARTIN	SANDRA	SANDRA.MARTIN@sakilacustomer.org
MATTHEWS	ERICA	ERICA.MATTHEWS@sakilacustomer.org
NEAL	PENNY	PENNY.NEAL@sakilacustomer.org
ROUSH	TERRANCE	TERRANCE.ROUSH@sakilacustomer.org
RUNYON	NATHAN	NATHAN.RUNYON@sakilacustomer.org
WELLS	SHEILA	SHEILA.WELLS@sakilacustomer.org

customer 13 x

Output

Action Output

#	Time	Action	Message
✓ 14	21:45:52	SELECT * FROM customer LIMIT 0, 1000	599 row(s) returned
✓ 15	21:46:50	SELECT last_name, first_name, email FROM customer ORDER BY last_name LIMIT 0, 1000	599 row(s) returned
✓ 16	21:47:07	SELECT last_name, first_name, email FROM customer WHERE active=1 LIMIT 0, 1000	584 row(s) returned
✓ 17	21:47:38	SELECT last_name, first_name, email FROM customer WHERE active=0 ORDER BY last_name LIMIT 0, 1000	15 row(s) returned
✓ 18	21:47:54	SELECT * FROM customer LIMIT 0, 1000	599 row(s) returned
✓ 19	21:48:02	SELECT last_name, first_name, email FROM customer WHERE active=0 ORDER BY last_name LIMIT 0, 1000	15 row(s) returned

Query 3:

```

SELECT c.last_name, c.first_name, a.address, a.district, a.phone
FROM customer c, address a
WHERE c.address_id=a.address_id;

```

-- Question 3

```
SELECT c.last_name, c.first_name, a.address, a.district, a.phone  
FROM customer c, address a WHERE c.address_id = a.address_id;
```

-- Question 4

-- Question 5

-- Question 6

-- Question 7

-- Question 8

-- Question 9

-- Question 10

Grid  Filter Rows: Export:  Wrap Cell Content: 

t_name	first_name	address	district	phone
TH	MARY	1913 Hanoi Wav	Nagasaki	28303384290
INSON	PATRICIA	1121 Loia Avenue	California	838635286649
LIAMS	LINDA	692 Joliet Street	Attika	448477190408
IES	BARBARA	1566 Inedl Manor	Mandalav	705814003527
JWN	ELIZABETH	53 Idfu Parkwav	Nantou	10655648674
IS	JENNIFER	1795 Santiago de Compostela Wav	Texas	860452626434
LER	MARIA	900 Santiago de Compostela Parkwav	Central Serbia	716571220373
SON	SUSAN	478 Joliet Wav	Hamilton	657282285970
ORE	MARGARET	613 Korolev Drive	Masqat	380657522649
LOR	DOROTHY	1531 Sal Drive	Esfahan	648856936185
YERSON	LISA	1542 Tarlac Parkwav	Kanagawa	635297277345

17 x

ion Output

	Time	Action	Message
8	21:52:19	SELECT * FROM address LIMIT 0, 1000	603 row(s) returned
9	21:56:47	SELECT c.last_name, c.first_name, a.address, a.district, a.phone FROM customer c, address a LIMIT 0, 1000	1000 row(s) returned
0	21:57:15	SELECT * FROM customer LIMIT 0, 1000	599 row(s) returned
1	21:57:32	SELECT * FROM address LIMIT 0, 1000	603 row(s) returned
2	21:57:48	SELECT c.last_name, c.first_name, c.address_id, a.address, a.district, a.phone, a.address_id FROM customer c, address a WHERE c.address_id = a.addr...	599 row(s) returned
3	21:58:41	SELECT c.last_name, c.first_name, a.address, a.district, a.phone FROM customer c, address a WHERE c.address_id = a.address_id LIMIT 0, 1000	599 row(s) returned

Query 4:

```
SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code  
FROM customer c, address a, city ci, country co  
WHERE c.active=0  
      AND c.address_id=a.address_id  
      AND a.city_id=ci.city_id  
      AND ci.country_id=co.country_id;
```

```

16
17 -- Question 4
18 SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code
19 FROM customer c, address a, city ci, country co
20 WHERE c.active=0 AND c.address_id=a.address_id AND a.city_id=ci.city_id AND ci.country_id=co.country_id;
21
22 -- Question 5
23
24 -- Question 6
25
26 -- Question 7
27
28 -- Question 8
29

```

last_name	first_name	address	district	phone	city	country	postal_code
JUNG	CHRISTIAN	949 Allende Lane	Uttar Pradesh	122981120653	Amroha	India	67521
NEAL	PENNY	1675 Xianfan Manor	Tamil Nadu	271149517630	Kumbakonam	India	11763
CULP	THEODORE	1704 Tambaram Manor	West Bongo	39463554936	Uluberia	India	2834
ARCE	HARRY	1922 Mirai Wav	Esfahan	320471479776	Naiafabad	Iran	13203
GOODEN	KENNETH	1542 Lubumbashi Boulevard	Tel Aviv	508800331065	Bat Yam	Israel	62472
CRAWLEY	MAURICE	1785 So Bernardo do Campo Street	Veracruz	684529463244	Coatzacoalcas	Mexico	71182
EGGLESTON	JIMMIE	505 Madiun Boulevard	Dolnoslaskie	970638808606	Wroclaw	Poland	97271
EASTER	BEN	886 Tonghae Place	Volgograd	711928348157	Kamvin	Russian...	19450
WELLS	SHEILA	848 Tafuna Manor	Ktahva	614935229095	Ktahva	Turkev	45142
MARTIN	SANDRA	360 Toulouse Parkwav	England	949312333307	Southend-on-...	United ...	54308
RUNYON	NATHAN	264 Bhimavaram Manor	St Thomas	302526949177	Charlotte Am...	Virgin Is...	54749

Result 51 x

Output

#	Time	Action	Message
54	23:04:06	SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code FROM customer c, address a, city ci, country co WHE...	1000 row(s) returned
55	23:04:41	SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code FROM customer c, address a, city ci, country co WHE...	1000 row(s) returned
56	23:04:53	SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code FROM customer c, address a, city ci, country co WHE...	1000 row(s) returned
57	23:05:19	SELECT * FROM customer LIMIT 0, 1000	599 row(s) returned
58	23:06:38	SELECT * FROM address LIMIT 0, 1000	603 row(s) returned
59	23:06:57	SELECT c.last_name, c.first_name, a.address, a.district, a.phone, ci.city, co.country, a.postal_code FROM customer c, address a, city ci, country co WHE...	15 row(s) returned

Query 5:

INSERT INTO film (film_id, title, description, release_year, language_id, original_language_id, rental_duration, rental_rate, length, replacement_cost, rating, special_features)
VALUES(1001, '1st Grade FBI Agent', 'An undercover FBI agent must pretend to be a 1st grade teacher to catch the bad guy', 2014, 2, null, 5, 4.99, 123, 20.99, 'PG-13', 'Trailers');

SELECT f.title, f.description
FROM film f, language l
WHERE f.language_id=l.language_id AND l.name!='English';

```

22 -- Question 5
23 INSERT INTO film (film_id, title, description, release_year, language_id, original_language_id, rental_duration, rental_rate, length, replacement_cost, rating, special_features)
24 VALUES(1001, '1st Grade FBI Agent', 'An undercover FBI agent must pretend to be a 1st grade teacher to catch the bad guy', 2014, 2, null, 5, 4.99, 123, 20.99, 'PG-13', 'Trailer');
25
26 SELECT f.title, f.description
27 FROM film f, language l
28 WHERE f.language_id=l.language_id AND l.name!='English';
29

```

title	description	language_id
1st Grade FBI Agent	An undercover FBI agent must pretend to be a 1st grade teacher to catch the bad guy	2

Result 67 x

Output

#	Time	Action	Message
73	23:49:59	SELECT * from category LIMIT 0, 1000	16 row(s) returned
74	23:52:29	SELECT * from language LIMIT 0, 1000	6 row(s) returned
75	23:54:30	SELECT * FROM film f, language l WHERE f.language_id=l.language_id AND l.name='English' LIMIT 0, 1000	1000 row(s) returned
76	23:54:49	SELECT f.title, f.description FROM film f, language l WHERE f.language_id=l.language_id AND l.name='English' LIMIT 0, 1000	1000 row(s) returned
77	23:55:02	SELECT f.title, f.description, f.language_id FROM film f, language l WHERE f.language_id=l.language_id AND l.name='English' LIMIT 0, 1000	1000 row(s) returned
78	23:55:11	SELECT f.title, f.description, f.language_id FROM film f, language l WHERE f.language_id=l.language_id AND l.name='English' LIMIT 0, 1000	1 row(s) returned

Query 6:

```
SELECT f.title, f.rental_rate, l.name
FROM film f, film_category fc, category c, language l
WHERE f.film_id=fc.film_id
      AND fc.category_id=c.category_id
      AND c.name='Sci-Fi';
```

29
30 -- Question 6
31 • SELECT f.title, f.rental_rate, l.name
32 FROM film f, film_category fc, category c, language l
33 WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Sci-Fi';
34
35 -- Question 7

Result Grid

title	rental_rate	name
ANNIE IDENTITY	0.99	English
ARMAGEDDON LOST	0.99	English
ATTACKS HATE	4.99	English
BADMAN DAWN	2.99	English
BARBARELLA STREETCAR	2.99	English
BEVERLY OUTLAW	2.99	English
BINGO TALENTED	2.99	English
BLINDNESS GUN	4.99	English
CAMELOT VACATION	0.99	English
CHAINSAW UPTOWN	0.99	English
CHARADE DUFFEL	2.99	English

ult 78 x

Output

Action Output

#	Time	Action	Message
86	23:59:21	SELECT * from language LIMIT 0, 1000	6 row(s) returned
87	00:00:16	SELECT f.title, f.rental_rate, f.language_id FROM film f, film_category fc, category c, language l WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id...	366 row(s) returned
88	00:01:45	SELECT f.title, f.rental_rate, l.name FROM film f, film_category fc, category c, language l WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND ...	366 row(s) returned
89	00:02:05	SELECT * from category LIMIT 0, 1000	16 row(s) returned
90	00:02:11	SELECT f.title, f.rental_rate, l.name, c.name FROM film f, film_category fc, category c, language l WHERE f.film_id=fc.film_id AND fc.category_id=c.category...	366 row(s) returned
91	00:02:21	SELECT f.title, f.rental_rate, l.name FROM film f, film_category fc, category c, language l WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND ...	366 row(s) returned

Query 7:

```
SELECT COUNT(DISTINCT f.title) AS count
FROM film f, category c, film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action';
```

```
-- Question 7
SELECT COUNT(DISTINCT f.title) AS count
FROM film f, category c, film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action';

-- Question 8

-- Question 9
```

id | Filter Rows: | Export: | Wrap Cell Content: |

t

n Output		
Time	Action	Message
00:09:38	COUNT(DISTINCT f.title) FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action'	Error Code: 1064. You have an error in your SQL
00:09:53	SELECT DISTINCT f.title FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' LIMIT 0, 1000	64 row(s) returned
00:11:43	SELECT f.title FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' LIMIT 0, 1000	64 row(s) returned
00:11:55	SELECT f.title, c.name FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' LIMIT ...	64 row(s) returned
00:13:41	SELECT COUNT(DISTINCT f.title) AS num FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action'	1 row(s) returned
00:13:54	SELECT COUNT(DISTINCT f.title) AS count FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action'	1 row(s) returned

Query 8:

```
SELECT COUNT(f.title) AS count
FROM film f, category c, film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action';
```

```
44
45 -- Question 8
46 • COUNT(f.title) count
47   film f, category c, film_category fc
48   f.film_id=fc.film_id fc.category_id=c.category_id c.
49
50 -- Question 9
51 • SELECT title, length
```

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

	count
	64

Result 1 x

Output

Action Output

#	Time	Action	Message
✓ 1	14:15:43	SELECT COUNT(f.title) AS count FROM film f, categor...	1 row(s) returned

Query 9:

```
SELECT title, length
FROM film WHERE replacement_cost BETWEEN 15 AND 23;
```

```

44
45 -- Question 9
46 • SELECT title, length
47 FROM film WHERE replacement_cost BETWEEN 15 AND 23;
48
49 -- Question 10
50
51 -- Question 11
52
53 -- Question 12
54
55 -- Question 13
56
57 -- Question 14

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [1A](#)

title	length
ACADEMY DINOSAUR	86
ADAPTATION HOLES	50
AFRICAN EGG	130
AGENT TRUMAN	169
AIRPORT POLLOCK	54
ALABAMA DEVIL	114
ALAMO VIDEOTAPE	126
ALASKA PHANTOM	136
ALI FOREVER	150
AMADEUS HOLY	113
AMERICAN CIRCUS	129
ANALYZE HOOSIERS	181
ANGELS LIFE	74
ANNIE IDENTITY	86
ANTHEM LUKE	91
APACHE DIVINE	92
APOLLO TEEN	153
ARMY FLINTSTONES	148
ARSENIC INDEPEND...	137
ATLANTIS CAUSE	170

m 9 x

Output

Action Output

#	Time	Action	Message
5	09:36:09	SELECT COUNT(f.title) AS count FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id LIMIT 0, 1000	1 row(s) returned
6	09:40:02	SELECT * from film_category LIMIT 0, 1000	1000 row(s) returned
7	09:44:02	SELECT * from film LIMIT 0, 1000	1000 row(s) returned
8	09:45:26	SELECT title, length FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned
9	09:45:42	SELECT title, length, replacement_cost FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned
10	09:46:02	SELECT title, length FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned

Query 10:

```

SELECT f.title
FROM film f, category c, film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND
(f.rating='PG-13' OR f.rating='R' OR f.rating='NC-17');

```



```

48
49 -- Question 10
50 SELECT f.title
51 FROM film f, category c, film_category fc
52 WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND (f.rating='PG-13' OR f.rating='R' OR f.rating='NC-17')
53
54 -- Question 11
55
56

```

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

title
AMERICAN CIRCUS
ANTITRUST TOMATOES
ARK RIDGEMONT
BERETS AGENT
BULL SHAWSHANK
CADDYSHACK JEDI
CAMPUS REMEMBER
CELEBRITY HORN
CLUELESS BUCKET
DANCES NONE
DARKO DORADO
DEVIL DESIRE
DRAGON SQUAD
DRIFTER COMMANDM...
ENTRAPMENT SATISFA...
FANTASY TROOPERS
FORREST SONS
GRAIL FRANKENSTEIN
HANDICAP BOONDOCK
KISSING DOLLS

result 12 x

Output

Action Output

#	Time	Action	Message
8	09:45:26	SELECT title, length FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned
9	09:45:42	SELECT title, length, replacement_cost FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned
10	09:46:02	SELECT title, length FROM film WHERE replacement_cost BETWEEN 15 AND 23 LIMIT 0, 1000	383 row(s) returned
11	09:49:10	SELECT * from film LIMIT 0, 1000	1000 row(s) returned
12	09:50:26	SELECT f.title, f.rating FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND (...)	37 row(s) returned
13	09:50:52	SELECT f.title FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND (f.rating=...	37 row(s) returned

Query 11:

```

SELECT AVG(f.length) as Average
FROM film f, category c, film_category fc
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Children';

```

53	
54	-- Question 11
55	SELECT AVG(f.length) as Average
56	FROM film f, category c, film_category fc
57	WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Children';
58	
59	-- Question 12
60	
61	-- Question 13

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
Average			
109.8000			

Result 15 x			
Output			
Action Output			
#	Time	Action	Message
11	09:49:10	SELECT * from film LIMIT 0, 1000	1000 row(s) returned
12	09:50:26	SELECT f.title, f.rating FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND (...	37 row(s) returned
13	09:50:52	SELECT f.title FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='Action' AND (f.rating=...	37 row(s) returned
14	09:52:11	SELECT * from film_category LIMIT 0, 1000	1000 row(s) returned
15	09:52:19	SELECT * from category LIMIT 0, 1000	16 row(s) returned
16	09:53:10	SELECT AVG(f.length) as Average FROM film f, category c, film_category fc WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND c.name='...	1 row(s) returned

Query 12:

```
SELECT a.last_name, a.first_name, f.title
FROM actor a, film f, film_category fc, category c, film_actor fa
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND f.film_id=fa.film_id AND
fa.actor_id=a.actor_id AND (c.name='Family' OR c.name='Foreign' OR c.name='Horror')
ORDER BY a.last_name;
```

```

58 -- Question 12
59
60 • SELECT a.last_name, a.first_name, f.title
61 FROM actor a, film f, film_category fc, category c, film_actor fa
62 WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND f.film_id=fa.film_id AND fa.actor_id=a.actor_id AND (c.name='Fam
63 ORDER BY a.last_name;
64
65 -- Question 13
66

```

Result Grid

last_name	first_name	title
AKROYD	CHRISTIAN	SINNERS ATLANTIS
AKROYD	KIRSTEN	BUGSY SONG
AKROYD	DEBBIE	FAMILY SWEET
AKROYD	DEBBIE	PILOT HOOSIERS
AKROYD	CHRISTIAN	CONFUSED CANDLES
AKROYD	DEBBIE	STEPMOM DREAM
AKROYD	CHRISTIAN	RESERVOIR ADAPTATION
AKROYD	DEBBIE	HALF OUTFIELD
AKROYD	DEBBIE	HOLIDAY GAMES
AKROYD	DEBBIE	PRESIDENT BANG
AKROYD	KIRSTEN	USUAL UNTOUCHABLES
AKROYD	KIRSTEN	MADNESS ATTACKS
AKROYD	DEBBIE	OPPOSITE NECKLACE
AKROYD	CHRISTIAN	STREETCAR INTENTIONS
AKROYD	DEBBIE	WORLD LEATHERNECKS
AKROYD	CHRISTIAN	INNOCENT USUAL
AKROYD	KIRSTEN	DANGEROUS UPTOWN
AKROYD	DEBBIE	HOUSE DYNAMITE
AKROYD	KIRSTEN	BRAVEHEART HUMAN
AKROYD	CHRISTIAN	CATCH AMISTAD

Result 28

Output

Action Output

#	Time	Action	Message
25	10:57:17	SELECT * from actor LIMIT 0, 1000	200 row(s) returned
26	10:57:35	SELECT * from film LIMIT 0, 1000	1000 row(s) returned
27	10:58:10	SELECT * from film_actor LIMIT 0, 1000	1000 row(s) returned
28	10:58:47	SELECT a.last_name, a.first_name, f.title, c.name FROM actor a, film f, film_category fc, category c, film_actor fa WHERE f.film_id=fc.film_id AND fc.catego...	1000 row(s) returned
29	10:59:32	SELECT a.last_name, a.first_name, f.title, c.name FROM actor a, film f, film_category fc, category c, film_actor fa WHERE f.film_id=fc.film_id AND fc.catego...	1000 row(s) returned
30	11:01:43	SELECT a.last_name, a.first_name, f.title FROM actor a, film f, film_category fc, category c, film_actor fa WHERE f.film_id=fc.film_id AND fc.category_id=c.....	1000 row(s) returned

Query 13:

```

SELECT a.last_name, a.first_name, f.title, c.name as Category
FROM actor a, film f, film_category fc, category c, film_actor fa
WHERE f.film_id=fc.film_id AND fc.category_id=c.category_id AND f.film_id=fa.film_id AND
fa.actor_id=a.actor_id AND (c.name='Family' OR c.name='Horror')
ORDER BY a.last_name;

```

```

62
63 -- Question 13 -- broken.
64 a.last_name, a.first_name, f.title, c. Category
65 actor a, film f, film_category fc, category c, film_actor fa
66 f.film_id=fc.film_id fc.category_id=c.category_id f.film_id=fa.film_id fa.actor_id=a.actor_id (c. = 'Family'
67 a.last_name;
68
69 -- Question 14 -- still broken.
70
71

```

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

last_name	first_name	title	Category
AKROYD	DEBBIE	WORLD LEATHERNECKS	Horror
AKROYD	DEBBIE	PRESIDENT BANG	Familv
AKROYD	DEBBIE	OPPOSITE NECKLACE	Familv
AKROYD	DEBBIE	HALF OUTFIELD	Familv
AKROYD	KIRSTEN	BRAVEHEART HUMAN	Familv
AKROYD	CHRISTIAN	SINNERS ATLANTIS	Horror
AKROYD	DEBBIE	FAMILY SWEET	Horror
AKROYD	DEBBIE	HOUSE DYNAMITE	Familv
AKROYD	DEBBIE	PILOT HOOSIERS	Familv
AKROYD	CHRISTIAN	CONFUSED CANDLES	Familv
AKROYD	CHRISTIAN	STREETCAR INTENTIONS	Horror
ALLEN	KIM	LOLA AGENT	Horror
ALLEN	CUBA	KING EVOLUTION	Familv
ALLEN	MERYL	HIGH ENCINO	Horror
ALLEN	KIM	SOUP WISDOM	Familv
ALLEN	CUBA	PRESIDENT BANG	Familv
ALLEN	MERYL	ALABAMA DEVIL	Horror
ALLEN	MERYL	KILLER INNOCENT	Familv
ALLEN	KIM	JAPANESE RUN	Horror
ALLEN	KIM	KARATE MOON	Horror
ALLEN	CUBA	ARACHNOPHOBIA ROL...	Horror

Result 1 x

Output

Action Output

#	Time	Action	Message
1	13:28:02	SELECT a.last_name, a.first_name, f.title, c.name as Category FROM actor a, film f, film_category fc, category c, film_actor fa WHERE f.film_id=fc.film_id AND...	664 row(s) returned

Query 14:

```

SELECT DISTINCT c.last_name, c.email
FROM actor a, film_actor fa, inventory i, rental r, customer c
WHERE ((a.first_name='NICK' AND a.last_name='WAHLBERG') OR (a.first_name='MATTHEW'
AND a.last_name='JOHANSSON') OR (a.first_name='RITA' AND a.last_name='REYNOLDS'))
      AND a.actor_id = fa.actor_id
      AND fa.film_id = i.film_id
      AND i.inventory_id = r.inventory_id
      AND r.customer_id = c.customer_id
ORDER BY c.last_name;

```

```

67 ORDER BY a.last_name;
68
69 -- Question 14
70 -- so for each time the actor appears.. we pull his id, we pull the film id of the film he is in, we pull what inventory id, then pull the customer
71 • SELECT DISTINCT c.last_name, c.email
72 FROM actor a, film_actor fa, inventory i, rental r, customer c
73 WHERE ((a.first_name='NICK' AND a.last_name='WAHLBERG') OR (a.first_name='MATTHEW' AND a.last_name='JOHANSSON') OR (a.first_name='RITA' AND a.last_
74 AND a.actor_id = fa.actor_id
75 AND fa.film_id = i.film_id
76 AND i.inventory_id = r.inventory_id
77 AND r.customer_id = c.customer_id
78 ORDER BY c.last_name;
79
80
81

```

Result Grid

last_name	email
BROWN	ELIZABETH.BROWN@sakilacustomer.org
BROWNLEE	GUY.BROWNLEE@sakilacustomer.org
BRYANT	PAULA.BRYANT@sakilacustomer.org
BUFORD	CLINTON.BUFORD@sakilacustomer.org
BULL	WESLEY.BULL@sakilacustomer.org
BUNN	TIMOTHY.BUNN@sakilacustomer.org
BURKE	LYDIA.BURKE@sakilacustomer.org
BURLESON	SIDNEY.BURLESON@sakilacustomer.org
BURTON	COLLEEN.BURTON@sakilacustomer.org
BUSTAMANTE	LEROY.BUSTAMANTE@sakilacustomer.org
BUTLER	LOIS.BUTLER@sakilacustomer.org
BUTTERFIELD	ALLEN.BUTTERFIELD@sakilacustomer.org
CALDWELL	KAY.CALDWELL@sakilacustomer.org
CAMPBELL	CATHERINE.CAMPBELL@sakilacustomer.org
CARLSON	TERRY.CARLSON@sakilacustomer.org
CARPENTER	LORETTA.CARPENTER@sakilacustomer.org
CARR	EILEEN.CARR@sakilacustomer.org
CARRANZA	TONY.CARRANZA@sakilacustomer.org
CARROLL	JUNE.CARROLL@sakilacustomer.org
CARTER	AMANDA.CARTER@sakilacustomer.org

Result 41 x

Output

Action Output

#	Time	Action	Message
53	14:00:54	SELECT c.last_name, c.email FROM actor a, film_actor fa, inventory i, rental r, customer c WHERE (a.first_name='NICK' AND a.last_name='WAHLBERG')...	387 row(s) returned
54	14:02:44	SELECT c.last_name, c.email FROM actor a, film_actor fa, inventory i, rental r, customer c WHERE (a.first_name='NICK' AND a.last_name='WAHLBERG')...	Error Code: 1317. Query execution was interrupted
55	14:02:57	INTERRUPT	OK - Query cancelled
56	14:03:08	SELECT c.last_name, c.email FROM actor a, film_actor fa, inventory i, rental r, customer c WHERE ((a.first_name='NICK' AND a.last_name='WAHLBERG')...	704 row(s) returned
57	14:03:16	SELECT c.last_name, c.email FROM actor a, film_actor fa, inventory i, rental r, customer c WHERE ((a.first_name='NICK' AND a.last_name='WAHLBERG')...	998 row(s) returned
58	14:03:26	SELECT DISTINCT c.last_name, c.email FROM actor a, film_actor fa, inventory i, rental r, customer c WHERE ((a.first_name='NICK' AND a.last_name='WAHLBERG')...	463 row(s) returned