

Grant Oliasani
Emma Perez
Homework 5
File and Database

1. Select last_name , first_name, email
FROM customer
ORDER BY last_name

| | 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... | |

2. Select last_name , first_name, email
FROM customer
WHERE active=0
ORDER BY last_name

| | 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 |

3.

Select last_name , first_name, address, district, phone

FROM customer, address

where customer.address_id=address.address_id

| | last_name | first_name | address | district | phone |
|---|-----------|------------|------------------------------------|----------------|--------------|
| ► | SMITH | MARY | 1913 Hanoi Way | Nagasaki | 28303384290 |
| | JOHNSON | PATRICIA | 1121 Loja Avenue | California | 838635286649 |
| | WILLIAMS | LINDA | 692 Joliet Street | Attika | 448477190408 |
| | JONES | BARBARA | 1566 Inegl Manor | Mandalay | 705814003527 |
| | BROWN | ELIZABETH | 53 Idfu Parkway | Nantou | 10655648674 |
| | DAVIS | JENNIFER | 1795 Santiago de Compostela Way | Texas | 860452626434 |
| | MILLER | MARIA | 900 Santiago de Compostela Parkway | Central Serbia | 716571220373 |
| | WILSON | SUSAN | 478 Joliet Way | Hamilton | 657282285970 |
| | MOORE | MARGARET | 613 Korolev Drive | Masqat | 380657522649 |
| | TAYLOR | DOROTHY | 1531 Sal Drive | Esfahan | 648856936185 |
| | ANDERS... | LISA | 1542 Tarlac Parkway | Kanagawa | 635297277345 |
| | THOMAS | NANCY | 808 Bhopal Manor | Haryana | 465887807014 |

4.

Select last_name , first_name, address, district, phone, city, country, postal_code

FROM customer, address, city, country

where customer.address_id=address.address_id

AND address.city_id=city.city_id

AND city.country_id=country.country_id

AND active=0

| | last_name | first_name | address | district | phone | city | country | postal_code |
|---|------------|------------|----------------------------------|---------------|--------------|---------------|-----------|-------------|
| ► | COX | JUDITH | 1966 Amroha Avenue | Sichuan | 333489324603 | Daxian | China | 70385 |
| | MATTHEWS | ERICA | 1294 Firozabad Drive | Jiangxi | 161801569569 | Pingxiang | China | 70618 |
| | LARSON | HEIDI | 1103 Bilbays Parkway | Hubei | 279979529227 | Xiangfan | China | 87660 |
| | ROUSH | TERRANCE | 42 Fontana Avenue | Fejr | 437829801725 | Szkesfehrvr | Hungary | 14684 |
| | JUNG | CHRISTIAN | 949 Allende Lane | Uttar Pradesh | 122981120653 | Amroha | India | 67521 |
| | NEAL | PENNY | 1675 Xiangfan Manor | Tamil Nadu | 271149517630 | Kumbakonam | India | 11763 |
| | CULP | THEODORE | 1704 Tambaram Manor | West Bengali | 39463554936 | Uluberia | India | 2834 |
| | ARCE | HARRY | 1922 Miraj Way | Esfahan | 320471479776 | Najafabad | Iran | 13203 |
| | GOODEN | KENNETH | 1542 Lubumbashi Boulevard | Tel Aviv | 508800331065 | Bat Yam | Israel | 62472 |
| | CRAWLEY | MAURICE | 1785 So Bernardo do Campo Street | Veracruz | 684529463244 | Coatzacoalcos | Mexico | 71182 |
| | EGGLEST... | JIMMIE | 505 Madiun Boulevard | Dolnoslaskie | 970638808606 | Wroclaw | Poland | 97271 |
| | EASTER | BEN | 886 Tonghae Place | Volgograd | 711928348157 | Kamyin | Russia... | 19450 |

5.

```
select title, description
from film, language
where film.language_id=language.language_id AND name!= 'English'
```

| title | description |
|-----------------------|--|
| ▶ 1st Grade FBI Agent | An undercover FBI agent ust pretend to be a 1st grade teacher to catch the bad guy |
| | |
| | |
| | |
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| | |
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| | |

6.

```
select title, rental_rate,language.name
from film, language, film_category, category
where film.language_id=language.language_id
AND film.film_id=film_category.film_id
AND film_category.category_id=category.category_id
AND category.name='Sci-Fi'
```

| 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 | |
| CHARIOTS CONSPIRACY | 2.99 | English | |

7.

```
Select count(film.title) AS CountOfActionFilms
FROM film, film_category, category
WHERE film.film_id=film_category.film_id
AND film_category.category_id=category.category_id
AND category.name='Action'
```

| CountOfActionFilms |
|--------------------|
| ▶ 64 |
| |
| |
| |
| |
| |
| |
| |
| |

8.

```
Select count(inventory.inventory_id) AS CountOfActionFilms
FROM film, film_category, category, inventory
WHERE film.film_id=film_category.film_id
AND film_category.category_id=category.category_id
AND film.film_id=inventory.film_id
AND category.name='Action'
```

| CountOfActionFilmsInInventory |
|-------------------------------|
| ▶ 312 |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

9.

SELECT title, rental_duration

From film

Where replacement_cost >=13 and replacement_cost <=23

| title | rental_duration |
|--------------------|-----------------|
| ▶ ACADEMY DINOSAUR | 6 |
| ADAPTATION HOLES | 7 |
| AFRICAN EGG | 6 |
| AGENT TRUMAN | 3 |
| AIRPORT POLLOCK | 6 |
| ALABAMA DEVIL | 3 |
| ALAMO VIDEOTAPE | 6 |
| ALASKA PHANTOM | 6 |
| ALI FOREVER | 4 |
| ALONE TRIP | 3 |
| AMADEUS HOLY | 6 |
| AMERICAN CIRCUS | 3 |

10.

select title

From film

where rating='PG-13'OR rating='R'OR rating='NC-17'

| title |
|---------------------|
| ▶ ADAPTATION HOLES |
| AIRPLANE SIERRA |
| AIRPORT POLLOCK |
| ALABAMA DEVIL |
| ALADDIN CALENDAR |
| ALICE FANTASIA |
| ALIEN CENTER |
| ALLEY EVOLUTION |
| ALONE TRIP |
| ALTER VICTORY |
| AMELIE HELLFIGHT... |
| AMERICAN CIRCUS |

11.

```
select AVG(length) as LengthAverageOfChildrenMovies
FROM FILM, film_category, category
where film.film_id=film_category.film_id AND
film_category.category_id=category.category_id
AND category.name='Children'
```

| LengthAverageOfChildrenMov... |
|-------------------------------|
| ▶ 109.8000 |
| |
| |
| |
| |
| |
| |
| |

12.

```
SELECT ACTOR.LAST_NAME, ACTOR.FIRST_NAME, FILM.TITLE
FROM ACTOR, FILM, CATEGORY, FILM_CATEGORY, FILM_ACTOR
WHERE ACTOR.ACTOR_ID = FILM_ACTOR.ACTOR_ID
```

```

AND FILM.FILM_ID = FILM_ACTOR.FILM_ID
AND FILM.FILM_ID = FILM_CATEGORY.FILM_ID
AND CATEGORY.CATEGORY_ID = FILM_CATEGORY.CATEGORY_ID
AND CATEGORY.NAME IN ("Family","Foreign","Horror")
ORDER BY ACTOR.LAST_NAME

```

| | LAST_NAME | FIRST_NAME | TITLE |
|---|-----------|------------|----------------------|
| ▶ | AKROYD | DEBBIE | PILOT HOOSIERS |
| | AKROYD | CHRISTIAN | SINNERS ATLANTIS |
| | AKROYD | DEBBIE | WORLD LEATHERNECKS |
| | AKROYD | DEBBIE | STEPMOM DREAM |
| | AKROYD | CHRISTIAN | CONFUSED CANDLES |
| | AKROYD | CHRISTIAN | INNOCENT USUAL |
| | AKROYD | DEBBIE | FAMILY SWEET |
| | AKROYD | CHRISTIAN | STREETCAR INTENTIONS |
| | AKROYD | CHRISTIAN | CATCH AMISTAD |
| | AKROYD | DEBBIE | HOUSE DYNAMITE |
| | AKROYD | KIRSTEN | BUGSY SONG |

13.

```

SELECT ACTOR.LAST_NAME, ACTOR.FIRST_NAME,
       FILM.TITLE, CATEGORY.NAME AS Category
FROM ACTOR, FILM, CATEGORY, FILM_CATEGORY, FILM_ACTOR
WHERE ACTOR.ACTOR_ID = FILM_ACTOR.ACTOR_ID
      AND FILM.FILM_ID = FILM_ACTOR.FILM_ID
      AND FILM.FILM_ID = FILM_CATEGORY.FILM_ID
      AND CATEGORY.CATEGORY_ID = FILM_CATEGORY.CATEGORY_ID
      AND CATEGORY.NAME IN ("Family","Horror")
ORDER BY ACTOR.LAST_NAME

```

| | LAST_NAME | FIRST_NAME | TITLE | Category |
|---|-----------|------------|----------------------|----------|
| ▶ | AKROYD | DEBBIE | PRESIDENT BANG | Family |
| | AKROYD | DEBBIE | OPPOSITE NECKLACE | Family |
| | AKROYD | DEBBIE | PILOT HOOSIERS | Family |
| | AKROYD | CHRISTIAN | STREETCAR INTENTIONS | Horror |
| | AKROYD | DEBBIE | FAMILY SWEET | Horror |
| | AKROYD | DEBBIE | HALF OUTFIELD | Family |
| | AKROYD | KIRSTEN | BRAVEHEART HUMAN | Family |
| | AKROYD | DEBBIE | HOUSE DYNAMITE | Family |
| | AKROYD | DEBBIE | WORLD LEATHERNECKS | Horror |
| | AKROYD | CHRISTIAN | CONFUSED CANDLES | Family |
| | AKROYD | CHRISTIAN | SINNERS ATLANTIS | Horror |

14.

```
SELECT CUSTOMER.LAST_NAME, CUSTOMER.EMAIL
FROM CUSTOMER, RENTAL, INVENTORY, FILM, FILM_ACTOR, ACTOR,
FILM_CATEGORY, CATEGORY
WHERE CUSTOMER.CUSTOMER_ID = RENTAL.CUSTOMER_ID
      AND RENTAL.INVENTORY_ID = INVENTORY.INVENTORY_ID
      AND FILM.FILM_ID = INVENTORY.FILM_ID
      AND FILM.FILM_ID = FILM_CATEGORY.FILM_ID
      AND CATEGORY.CATEGORY_ID = FILM_CATEGORY.CATEGORY_ID
      AND ((ACTOR.LAST_NAME = "WAHLBERG" AND ACTOR.FIRST_NAME =
"NICK")
          OR (ACTOR.LAST_NAME = "JOHANNSON" AND ACTOR.FIRST_NAME
= "MATTHEW")
          OR (ACTOR.LAST_NAME = "REYNOLDS" AND ACTOR.FIRST_NAME =
"RITA"))

ORDER BY CUSTOMER.LAST_NAME
```

| | LAST_NAME | EMAIL |
|---|------------|--------------------------------------|
| ► | BENNETT | JANE.BENNETT@sakilacustomer.org |
| | NELSON | DEBRA.NELSON@sakilacustomer.org |
| | SCOTT | REBECCA.SCOTT@sakilacustomer.org |
| | SILVA | MAXINE.SILVA@sakilacustomer.org |
| | GRAVES | BRANDY.GRAVES@sakilacustomer.org |
| | HALL | JESSICA.HALL@sakilacustomer.org |
| | FLORES | JULIA.FLORES@sakilacustomer.org |
| | CHAPA | VERNON.CHAPA@sakilacustomer.org |
| | ADAMS | KATHLEEN.ADAMS@sakilacustomer.org |
| | POINDEXTER | HECTOR.POINDEXTER@sakilacustomer.org |
| | DUNCAN | SAMANTHA.DUNCAN@sakilacustomer.org |
| | ADAM | NATHANIEL.ADAM@sakilacustomer.org |
| | MARSHALL | SHERRY.MARSHALL@sakilacustomer.org |

Mr. Schwab,

For some reason I had to remove the ORDER BY CUSTOMER.LAST_NAME from the code in order to allow it to finish. With the ORDER BY statement, the query never finishes executing.