1.Provide a list of countries, cities and total amount spent by the customers located in each country and city. Sort by the total amount in DESC order.

**Select** ci.city, co.country, **sum**(pay.amount) **as** amount\_summ

**from** city ci

**join** country **as** co **on** co.country\_id = ci.country\_id

**join** address **as** ad **on** ad.city\_id = ci.city\_id

**join** customer **as** cus **on** cus.address\_id = ad.address\_id

**join** payment **as** pay **on** cus.customer\_id  = pay.customer\_id

**group** **by** ci.city, co.country

**order** **by** amount\_summ **desc**;

2.Provide a list of films with rating of NC-17 that were rented more than 5 times. Output should contain film title, length, category, country of most rentals and rental count (sort by this column in DESC order).

**Select** f.title, f.**length** , cat.**name**, cr.country, **count**(rent.rental\_id) **as** rent\_summ

**from** film f

**join** film\_category **as** fc **on** fc.film\_id = f.film\_id

**join** category **as** cat **on** cat.category\_id  = fc.category\_id

**join** inventory **as** inv **on** inv.film\_id = f.film\_id

**join** rental **as** rent **on** rent.inventory\_id = inv.inventory\_id

**join** customer **as** c **on** c.customer\_id = rent.customer\_id

**join** address **as** a **on** a.address\_id = c.address\_id

**join** city **as** ct **on** ct.city\_id = a.city\_id

**join** country **as** cr **on** cr.country\_id = ct.country\_id

**Group** **by** f.title, f.**length**, cr.country, cat.**name**, f.rating

**having** f.rating = 'NC-17' **and** 'rent\_summ'>'5'

**order** **by** **count**(rent.rental\_id) **desc**

;

3. . Provide a list of customers that spent at least 200 dollars on movies. Output should contain customer’s first name, last name, email and total money spent.

**SELECT** c.first\_name, c.last\_name, c.email,**sum**(pay.amount) **as** "total\_payments"

**FROM** customer c

**JOIN** payment **as** pay **ON** pay.customer\_id = c.customer\_id

**group** **by** c.customer\_id, c.first\_name, c.last\_name, c.email

**having** **sum**(pay.amount)>='200'

**order** **by** **count**(pay.amount) **asc**;

4.  Provide a list of customer’s first names that are identical to each other.

**SELECT**

       first\_name,

**COUNT**(\*)

**FROM**

       customer

**GROUP** **BY**

       first\_name

**HAVING**

**COUNT** (first\_name) > 1;