DMD homework 5 (20 сентября 2015 г.)
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Problem 1. select all categories and sort by name.

SELECT * FROM categories ORDER BY name;

```
 id |        name
----+--------------------
  1 | Leading Actor
  3 | Leading Actress
  2 | Supporting Actor
  4 | Supporting Actress
(4 lines)
```

Problem 2. select uniq movie names for nominations in 1990 and sort by name.

SELECT DISTINCT movie FROM nominations WHERE year = '1990' ORDER BY movie;

```
          movie
-------------------------
 Awakenings
 Cyrano de Bergerac
 Dances With Wolves
 Dick Tracy
 Ghost
 Good Fellas
 Longtime Companion
 Misery
 Mr. & Mrs. Bridge
 Postcards from the Edge
 Pretty Woman
 Reversal of Fortune
 The Field
 The Godfather, Part III
 The Grifters
 Wild at Heart
(16 lines)
```

Problem 3. Find all persons nominated in 2000-2002 with cageory 'Leading Actor' and sort by last_name and show only uniq last_names.

```
SELECT DISTINCT p.last_name FROM nominations AS n
JOIN people as p ON n.person_id = p.id
JOIN categories as c ON n.category_id = c.id
WHERE 2000 <= n.year AND n.year <= 2002
AND c.name = 'Leading Actor'
ORDER BY p.last_name;
```

```
        last_name
      ------------
       Bardem
       Brody
       Cage
       Caine
       Crowe
       Day-Lewis
       Hanks
       Harris
       Nicholson
       Penn
       Rush
       Smith
       Washington
       Wilkinson
      (14 lines)
```

Problem 4. Find movies with most count of nominations and sort that list by movie name

```
SELECT movie, COUNT(movie) FROM nominations
GROUP BY movie
HAVING COUNT(movie) = (
   SELECT MAX(count) FROM (
      SELECT COUNT(movie) FROM nominations GROUP BY movie
   ) AS counts
)
ORDER BY movie;
```

```
            movie        | count
      -------------------+-------
       All about Eve      |    5
       Bonnie and Clyde   |    5
       From Here to Eternity |    5
       Mrs. Miniver       |    5
       Network            |    5
       On the Waterfront  |    5
       Peyton Place       |    5
       The Godfather Part II |    5
       Tom Jones          |    5
```

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```
(9 lines)
```

Problem 5. Find most popular first_name if there names with same count print first in alphabetical order.

SELECT first_name, COUNT(first_name) FROM people
GROUP BY first_name
HAVING COUNT(first_name) = (
    SELECT MAX(count) FROM (
        SELECT COUNT(first_name) FROM people GROUP BY first_name
) AS cnt
)
ORDER BY first_name ASC
LIMIT 1;

```
   first_name | count
  ------------+-------
   Robert     |    17
  (1 line)
```