DMD HW5 - SQL Queries

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September 2015

I'm not sure what do I need to briefly describe here. I think that all the queries are straightforward.

1

```
SELECT * FROM categories ORDER BY name;
```

id	name
1	Leading Actor
3	Leading Actress
2	Supporting Actor
4	Supporting Actress

2

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

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

3

```sql
SELECT DISTINCT last_name
FROM people, nominations
WHERE people.id = nominations.person_id
AND nominations.category_id = (
  SELECT id
  FROM categories
  WHERE categories.name = 'Leading Actor'
)
AND nominations.year BETWEEN 2000 AND 2002
ORDER BY last_name ASC;
```

last_name
Bardem
Brody
Cage
Caine
Crowe
Day-Lewis
Hanks
Harris
Nicholson
Penn
Rush
Smith
Washington
Wilkinson

4

```sql
WITH m_count AS (
    SELECT
      COUNT(*) AS cnt,
      movie
    FROM nominations
    GROUP BY movie
)
SELECT DISTINCT
  nominations.movie,
  year
FROM nominations, m_count
WHERE nominations.movie = m_count.movie
AND m_count.cnt = (
  SELECT MAX(cnt)
  FROM m_count
);
```

movie	year
Peyton Place	1957
All about Eve	1950
The Godfather Part II	1974
Network	1976
Bonnie and Clyde	1967
Mrs. Miniver	1942
Tom Jones	1963
On the Waterfront	1954
From Here to Eternity	1953

5

I sort the result by two fields. It will be sorted by names count first, and then by names itself in alphabetical order. This, I receive alphabetically first name in case there are more than one with the same count.

```sql
SELECT
  first_name,
  COUNT(first_name) AS cnt
FROM people
GROUP BY first_name
ORDER BY
  cnt DESC,
  first_name ASC
LIMIT 1;
```

first_name	count
Robert	17