

Data Modeling and Databases: Assignment 5

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Required SQL statements are following:

1. **select** id , name
 from categories
 order by name **asc** ;

Answer:

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** ;

Answer:

"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. with categ as
    (select id as category_id
     from categories c
     where name='Leading_Actor')

    select distinct last_name
    from people natural join (select person_id as id
                             from nominations natural join categ
                             where year between 2000 and 2002) as persons
    order by last_name asc;
```

Answer:

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

```
4. with movies as
    (select movie, count(movie) as cnt
     from nominations
     where won=true
     group by movie)

    select *
    from movies
    where cnt in
        (select max(cnt)
         from movies)
    order by movie
```

Answer:

"A Streetcar Named Desire";3

"Network";3

```
5. select first_name, count(*) as cnt
   from people
   group by first_name
   order by cnt desc ,first_name
   limit 1
```

Answer:

"Robert";17