**SQL Practice Problems: OSCAR I**

1.Find the categories in which 'A Beautiful Mind' is nominated.

**Expected Column:**List of categories

select category as List\_of\_categories

from oscar

where movie ILIKE 'A Beautiful Mind'

2.

Find the details of oscar winners between 2004 and 2007.

**Expected Output:** Year, category, nominee and movie columns in exact same sequence. The output should be sorted by nominee first in ascending order then category in descending order then movie in ascending order then year in descending order

select year,category,nominee,movie

from oscar

where winner = 'True' or

year between 2004 and 2007

order by

nominee asc, category desc, movie asc, year desc

3.

Find movies that had the most nominated actors/actresses. Be aware of the fact that some movies have the same name. Use the year column to separate the count for such movies.

**Expected Output:** Movie, year and count of nomination columns in exact same sequence. The Output should be sorted by Nomination count in descending order then movie name in ascending order

select movie, year, count(nominee) as nomination

from oscar

group by movie, year

order by 3 desc, movie asc

4.

Find out movies which won most number of oscars

**Expected Output:**Movie name and count of wins columns in exact same sequence. Get the list of highest oscar winner movies only. Sort the output with movie name in descending order

with movie\_wins as (select movie,

count(\*) as wins from oscar

where winner = 'TRUE'

group by 1

order by 2 desc),

win\_rank\_table as (select \*,

rank() over (order by wins desc) as win\_rank

from movie\_wins)

select movie,

wins from win\_rank\_table

where win\_rank = 1

order by 1 desc

5.

Find out actors/actress which won the most number of oscars

**Expected Output:** Actors/actress name and count of wins columns in exact same sequence. Get the list of the highest oscar winner Actors/actress only. Sort the table with Actors/actress name in descending order

WITH actor\_wins as (SELECT

nominee,

COUNT(\*) as wins

FROM OSCAR

WHERE winner = 'TRUE'

GROUP BY 1

ORDER BY 2 DESC),

win\_rank\_table as (SELECT

\*,

RANK() OVER (ORDER BY wins DESC) as win\_rank

FROM actor\_wins)

SELECT

nominee,

wins

FROM win\_rank\_table

WHERE win\_rank = 1

ORDER BY 1 DESC

6.

Find out the movie-wise count of oscar wins and losses.

The expected output should have the movie name, wins (count of wins), and losses ( count of loss) columns in exact same sequence. The output should be sorted by wins in descending order then losses in desc order.

SELECT

movie,

count(CASE when winner = 'TRUE' then nominee else null end) as wins,

count(CASE when winner = 'FALSE' then nominee else null end) as losses

FROM OSCAR

GROUP BY 1

ORDER BY 2 DESC,

3 DESC