use sakila;

-- Answer1

SELECT

f.film\_id, f.title

FROM

category c,

film\_category fc,

film f

WHERE

c.category\_id = fc.category\_id

AND c.name = 'Comedy'

AND fc.film\_id = f.film\_id

AND f.rating = 'PG-13';

-- Answer2

SELECT fl.title, COUNT(ALL fl.title)

FROM

film\_list fl,

inventory i,

rental r

WHERE

fl.category = 'Horror'

AND fl.FID = i.film\_id

AND i.inventory\_id = r.inventory\_id

GROUP BY title

ORDER BY COUNT(ALL fl.title) DESC

LIMIT 3;

-- Answer 3

SELECT \* FROM customer\_list

WHERE country = 'India' AND ID IN (

SELECT r.customer\_id

FROM film\_list fl,inventory i,rental r

WHERE fl.category = 'Sports'

AND fl.FID = i.film\_id

AND r.inventory\_id = i.inventory\_id

GROUP BY r.customer\_id);

-- Answer4

SELECT \* FROM customer\_list cl

WHERE

cl.country = 'Canada'

AND ID IN (

SELECT r.customer\_id

FROM actor a, film\_actor fa, inventory i, rental r

WHERE a.first\_name = 'NICK'

AND a.last\_name = 'WAHLBERG'

AND a.actor\_id = fa.actor\_id

AND fa.film\_id = i.film\_id

AND i.inventory\_id = r.inventory\_id);

-- Answer5

SELECT COUNT(DISTINCT fa.film\_id)

FROM actor a, film\_actor fa

WHERE a.first\_name = 'SEAN'

AND a.last\_name = 'WILLIAMS'

AND fa.actor\_id = a.actor\_id

