use sakila;

-- Answer1

SELECT COUNT(DISTINCT title)

FROM film

WHERE special\_features LIKE '%Deleted Scenes%'

AND film.film\_id IN (

SELECT fc.film\_id

FROM category c, film\_category fc

WHERE c.name = 'Documentary'

AND c.category\_id = fc.category\_id);

-- Answer2

SELECT COUNT(\*)

FROM category c, film\_category fc,

inventory i, rental r, staff s

WHERE c.name = 'Sci-fi'

AND c.category\_id = fc.category\_id

AND fc.film\_id = i.film\_id

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

AND r.staff\_id = s.staff\_id

AND s.first\_name = 'Jon'

AND s.last\_name = 'Stephens'

GROUP BY fc.film\_id;

-- Answer3

SELECT SUM(p.amount)

FROM film\_list fl, inventory i, rental r, payment p

WHERE fl.category = 'Animation'

AND fl.FID = i.film\_id

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

AND r.rental\_id = p.rental\_id;

-- Answer4

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

FROM film\_list fl

WHERE fl.FID IN (

SELECT i.film\_id

FROM customer\_list cl, rental r, inventory i

WHERE cl.name = 'PATRICIA JOHNSON'

AND cl.ID = r.customer\_id

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

GROUP BY i.film\_id)

GROUP BY fl.category

ORDER BY COUNT(ALL fl.category) DESC , fl.category ASC

LIMIT 3;

-- Answer5

SELECT fl.title

FROM film\_list fl, inventory i,

rental r, customer\_list cl

WHERE fl.rating = 'R'

AND fl.FID = i.film\_id

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

AND r.customer\_id = cl.ID

AND cl.name = 'SUSAN WILSON';

