NOTE: queries are based on db model as defined in image

1. Find out the PG-13 rated comedy movies. DO NOT use the film\_list table.

-> SELECT m.\*

FROM movie m

JOIN movie\_category c

ON m.id = c.movie\_id

WHERE c.category\_id = (SELECT id FROM category WHERE catetgory.name = “comedy”)

AND m.certificate = (SELECT id FROM certificate WHERE name = “PG-13”);

2. Find out the top 3 rented horror movies.

-> SELECT m.\*

FROM movie m

JOIN movie\_category c

ON m.id = c.movie\_id

JOIN (SELECT movie\_id, avg(rating) as rating FROM rating GROUP BY movie\_id) r

ON m.id = r.movie\_id

WHERE c.category\_id = (SELECT id FROM category WHERE catetgory.name = “horror”)

AND m.id IN (SELECT movie\_id FROM rental)

ORDER BY r.rating desc

LIMIT 3;

3. Find out the list of customers from India who have rented sports movies.

-> SELECT m.\*

FROM movie m

JOIN movie\_category c

ON m.id = c.movie\_id

WHERE c.category\_id = (SELECT id FROM category WHERE catetgory.name = “sport”)

//TODO rental in INDIA