Sql-query assignment

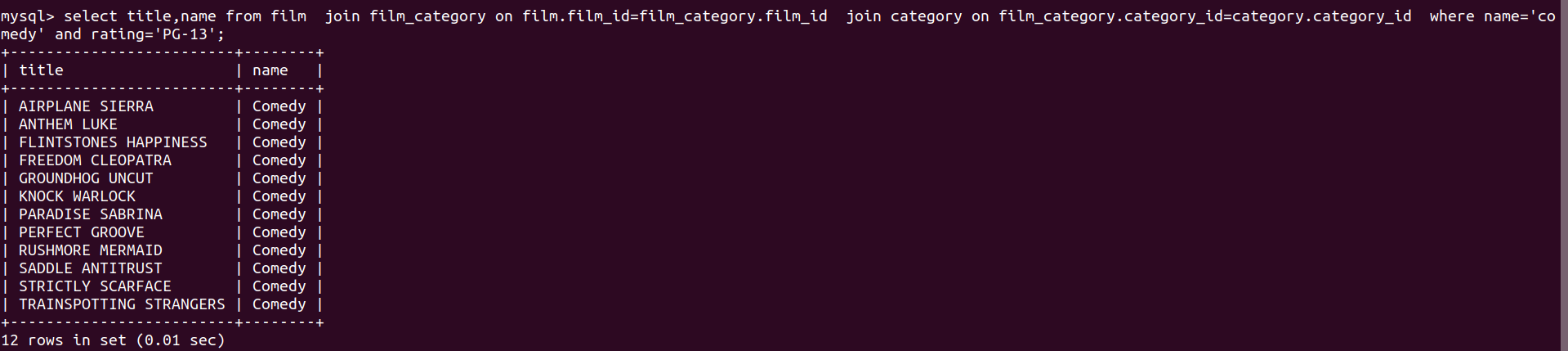
1 ) Find out the PG-13 rated comedy movies. DO NOT use the film\_list table.

select title , name from film

join film\_category on film.film\_id=film\_category.film\_id

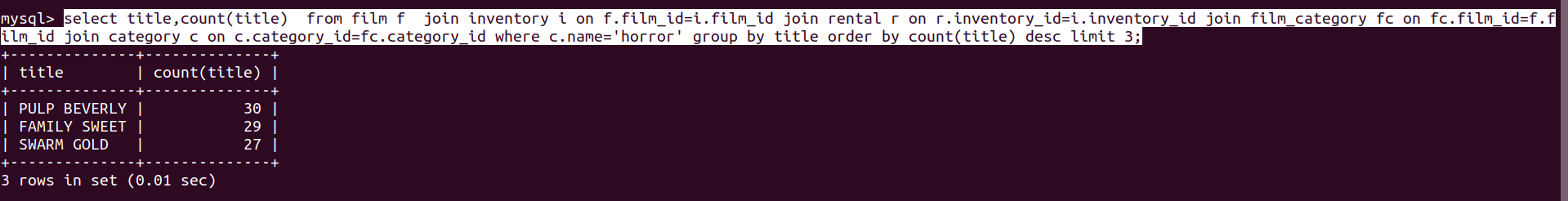
join category on film\_category.category\_id=category.category\_id

where name='comedy' and rating='PG-13';



2)

select title,count(title) from film f join inventory i on f.film\_id=i.film\_id join rental r on r.inventory\_id=i.inventory\_id join film\_category fc on fc.film\_id=f.film\_id join category c on c.category\_id=fc.category\_id where c.name='horror' group by title order by count(title) desc limit 3;

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

select first\_name,last\_name,name,country from

customer cust join rental r on cust.customer\_id=r.customer\_id

join inventory i on i.inventory\_id=r.inventory\_id

join film\_category fc on fc.film\_id=i.film\_id

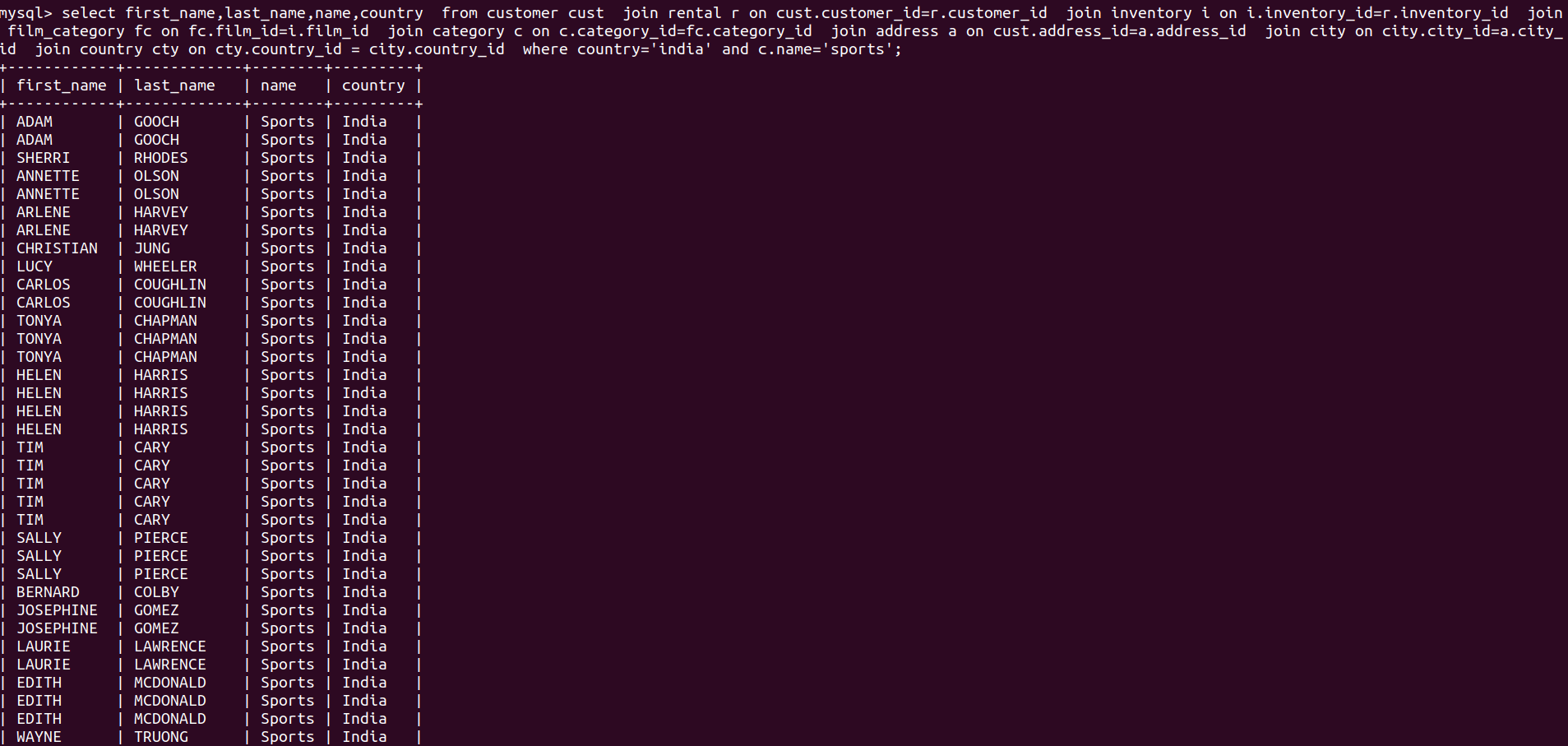
join category c on c.category\_id=fc.category\_id

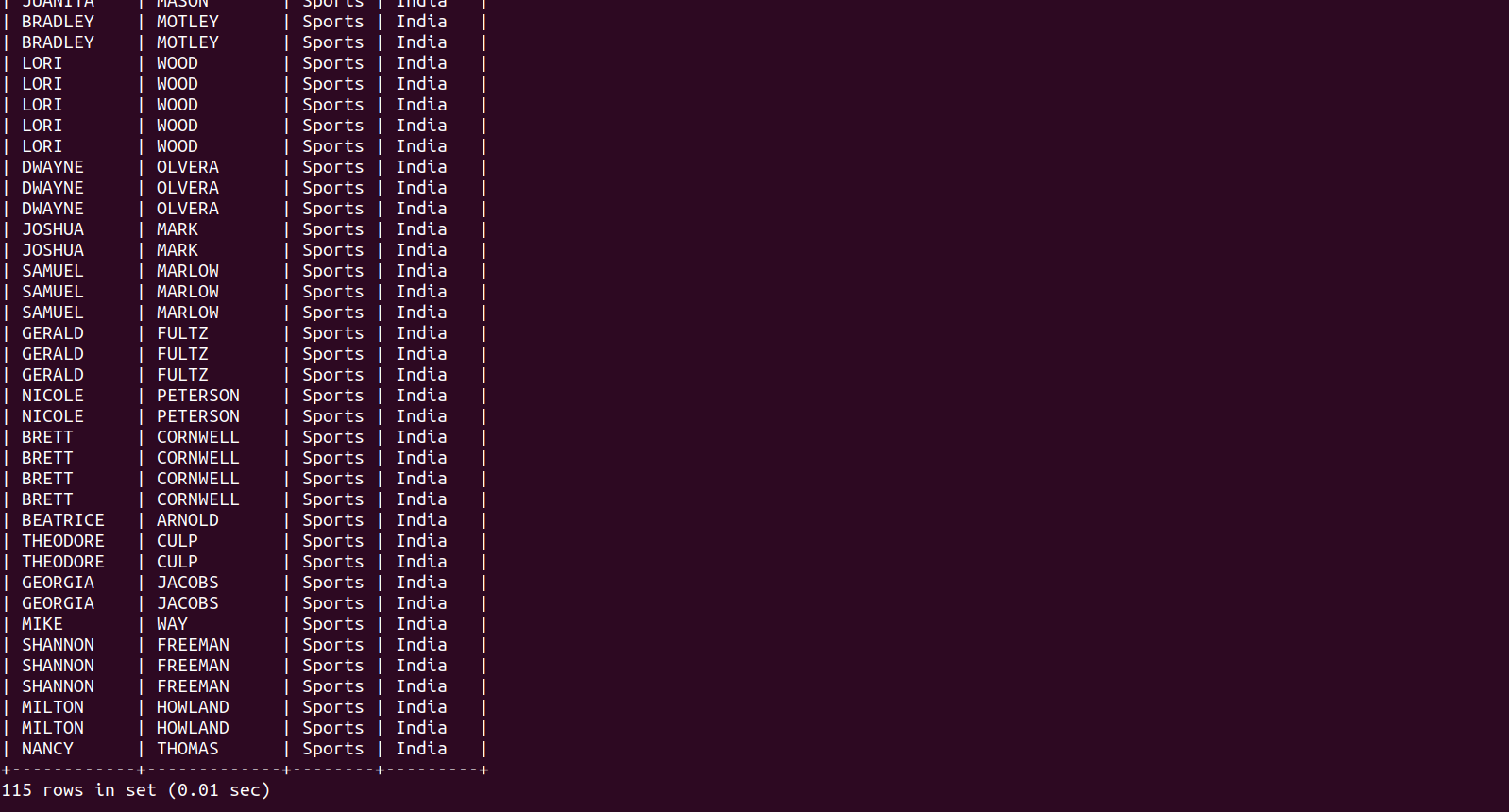
join address a on cust.address\_id=a.address\_id

join city on city.city\_id=a.city\_id

join country cty on cty.country\_id = city.country\_id

where country='india' and c.name='sports';





4) Find out the top 3 rented category of movies by “PATRICIA JOHNSON”.

select c.name ,count(c.name) as top\_3\_rented\_categories from category c

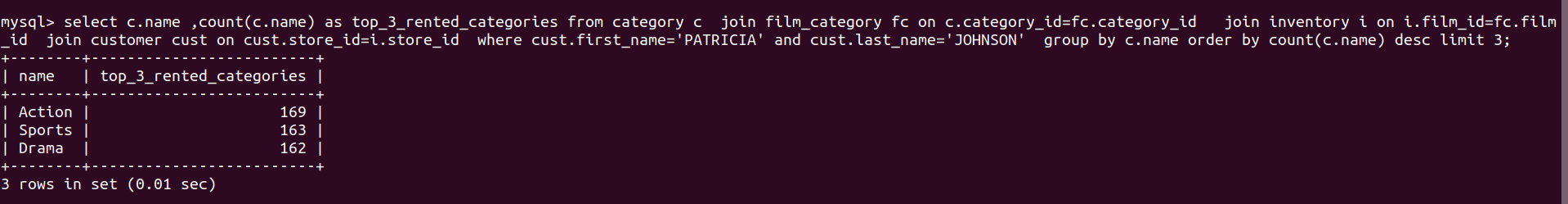
join film\_category fc on c.category\_id=fc.category\_id

join inventory i on i.film\_id=fc.film\_id

join customer cust on cust.store\_id=i.store\_id

where cust.first\_name='PATRICIA' and cust.last\_name='JOHNSON'

group by c.name order by count(c.name) desc limit 3;



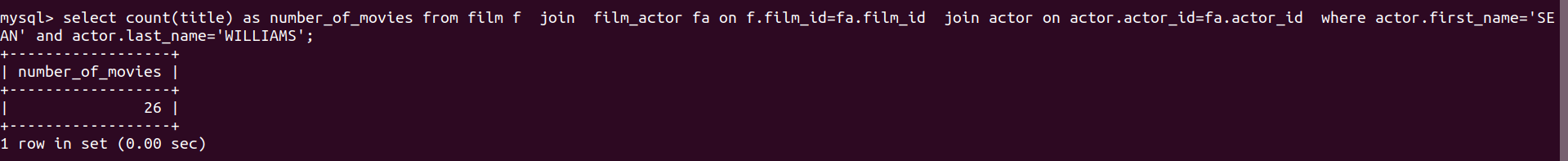
5).Find out the number of movies in which “SEAN WILLIAMS” acted.

select count(title) as number\_of\_movies from film f

join film\_actor fa on f.film\_id=fa.film\_id

join actor on actor.actor\_id=fa.actor\_id

where actor.first\_name='SEAN' and actor.last\_name='WILLIAMS';



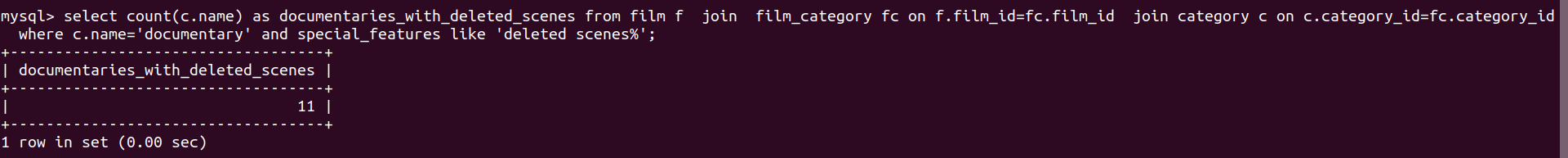
6) Find out the number of documentaries with deleted scenes.

select count(c.name) as number\_of\_documentaries\_with\_deleted\_scenes from film f

join film\_category fc on f.film\_id=fc.film\_id

join category c on c.category\_id=fc.category\_id

where c.name='documentary' and special\_features like ‘deleted scenes%’;



7)Find out the number of sci-fi movies rented by the store managed by Jon Stephens

select count(c.name) as number\_of\_scifi\_rented from category c

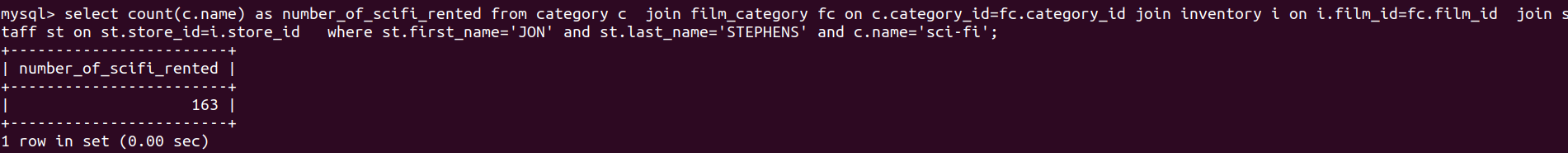
join film\_category fc on c.category\_id=fc.category\_id

join inventory i on i.film\_id=fc.film\_id

join staff st on st.store\_id=i.store\_id

where st.first\_name='JON' and st.last\_name='STEPHENS'

and c.name='sci-fi';



8)

Find out the total sales from Animation movies.

select sum(amount) as total\_sales\_of\_Animation from payment p

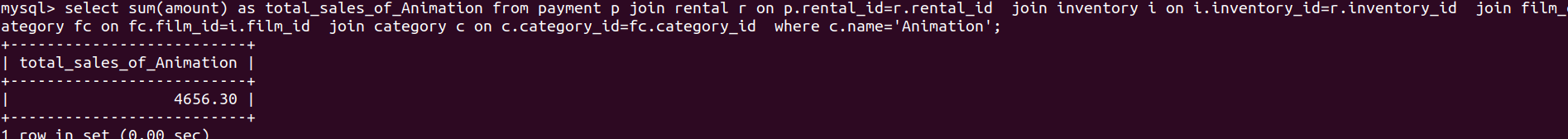
join rental r on p.rental\_id=r.rental\_id

join inventory i on i.inventory\_id=r.inventory\_id

join film\_category fc on fc.film\_id=i.film\_id

join category c on c.category\_id=fc.category\_id

where cat.name='Animation';



9)Find out the top 3 rented category of movies by “PATRICIA JOHNSON”.

select c.name as top\_3\_rented\_categories from category c

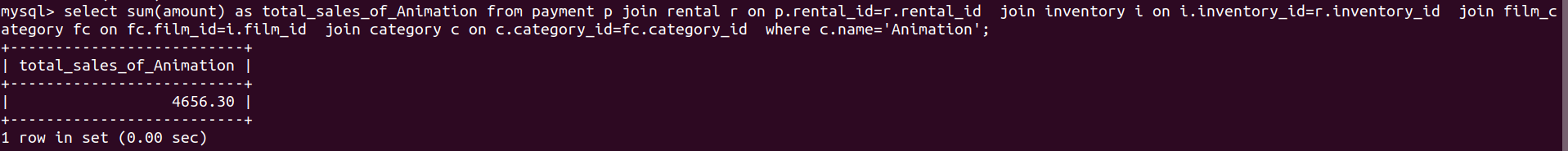
join film\_category fc on c.category\_id=fc.category\_id

join inventory i on i.film\_id=fc.film\_id

join customer cust on cust.store\_id=i.store\_id

where cust.first\_name='PATRICIA' and cust.last\_name='JOHNSON'

group by c.name order by count(c.name) desc limit 3;



10) Find out the number of R rated movies rented by “SUSAN WILSON”.

select rating, count(rating) as total\_R\_rated\_movies from film f join inventory i on i.film\_id=f.film\_id join customer cust on cust.store\_id=i.store\_id where cust.first\_name='SUSAN' and cust.last\_name='WILSON' and rating='r' group by rating;

