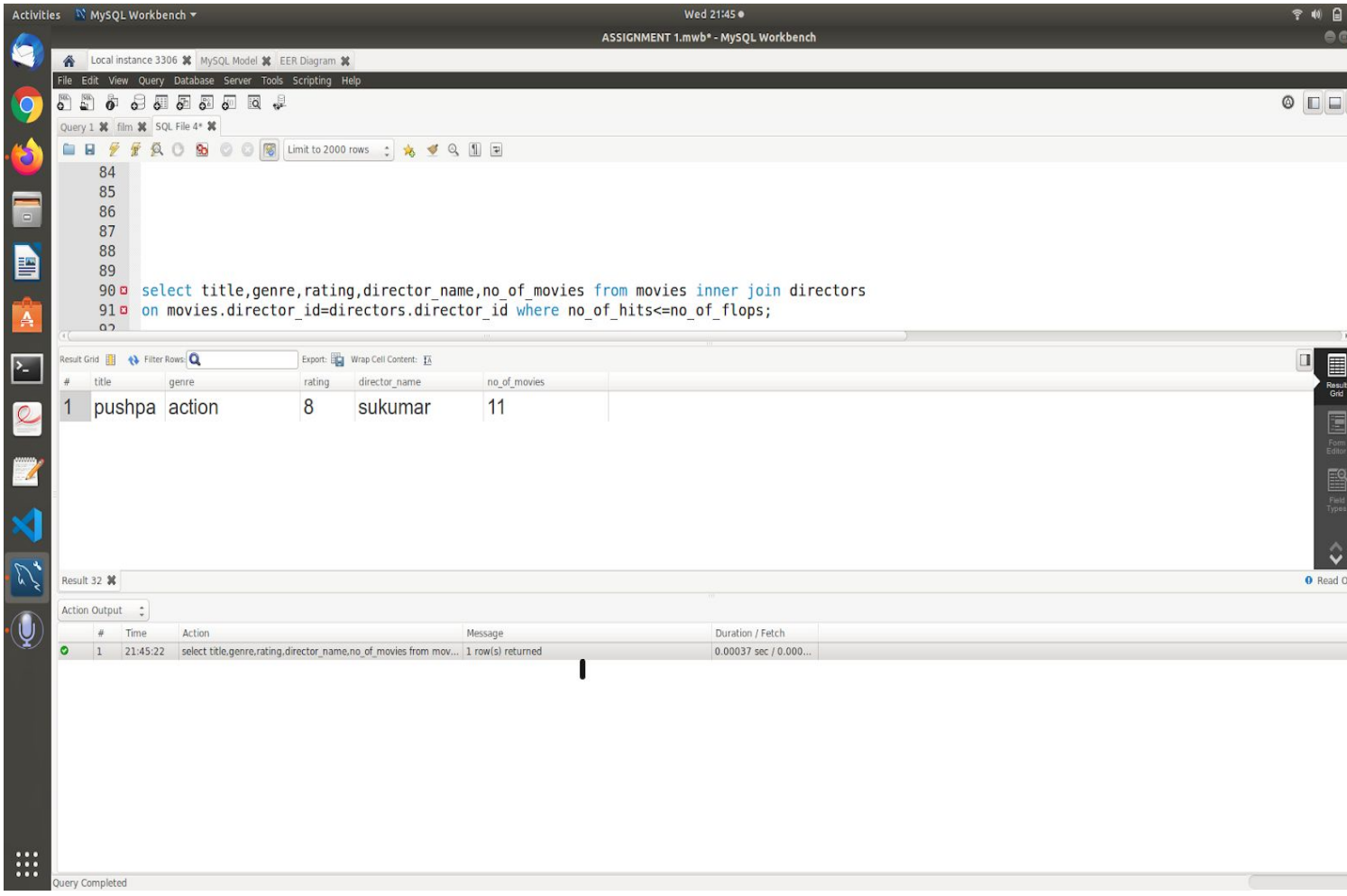
ASSIGNMENT-5

1. INNER JOIN

a)SQL Query

```
select title,genre,rating,director_name,no_of_movies from movies
inner join directors on movies.director_id=directors.director_id
where  no_of_hits<=no_of_flops;
```

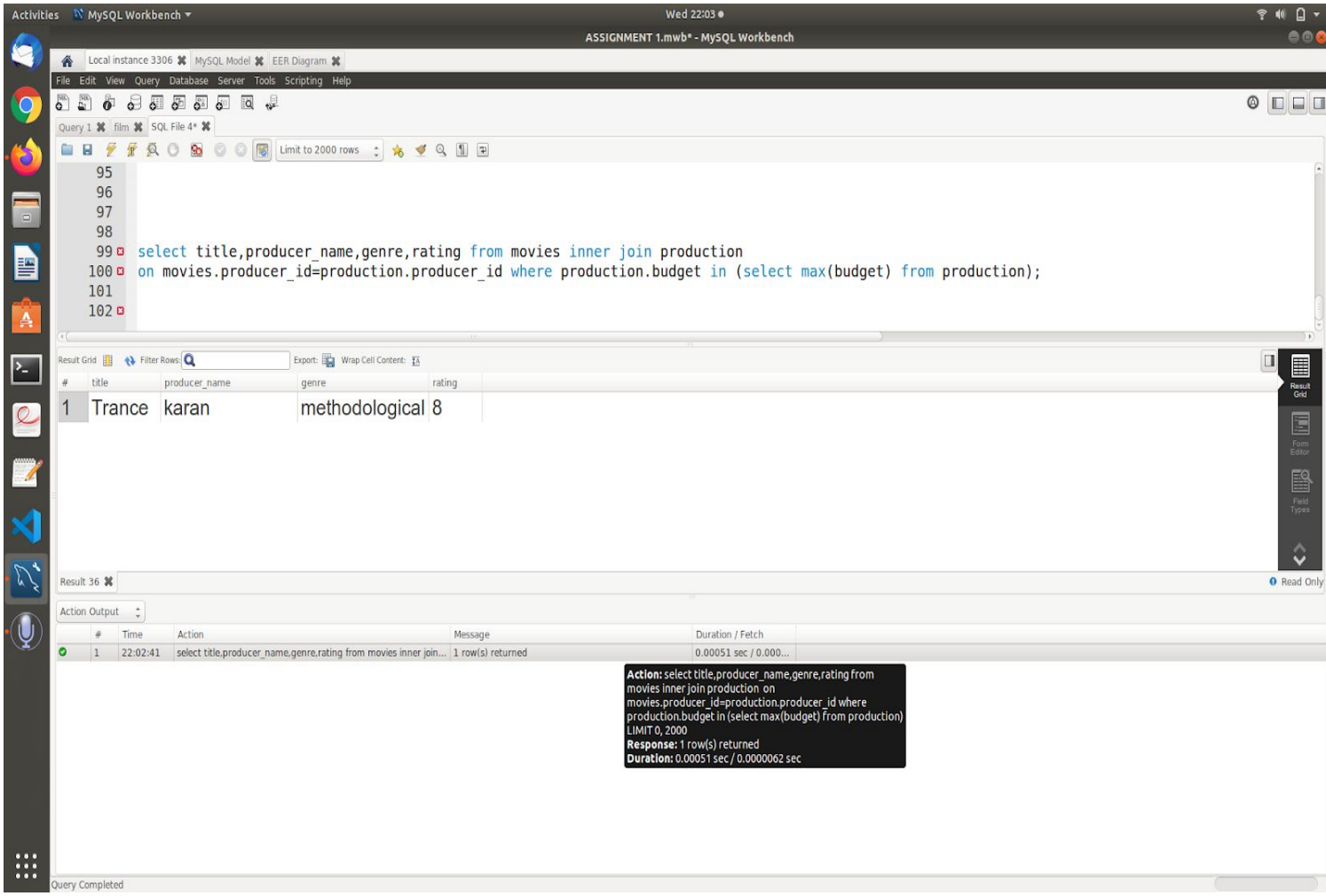
Output :



b)SQL Query

```
select title,producer_name,genre,rating from movies inner join production
on movies.producer_id=production.producer_id where production.budget in
  (select max(budget) from production);
```

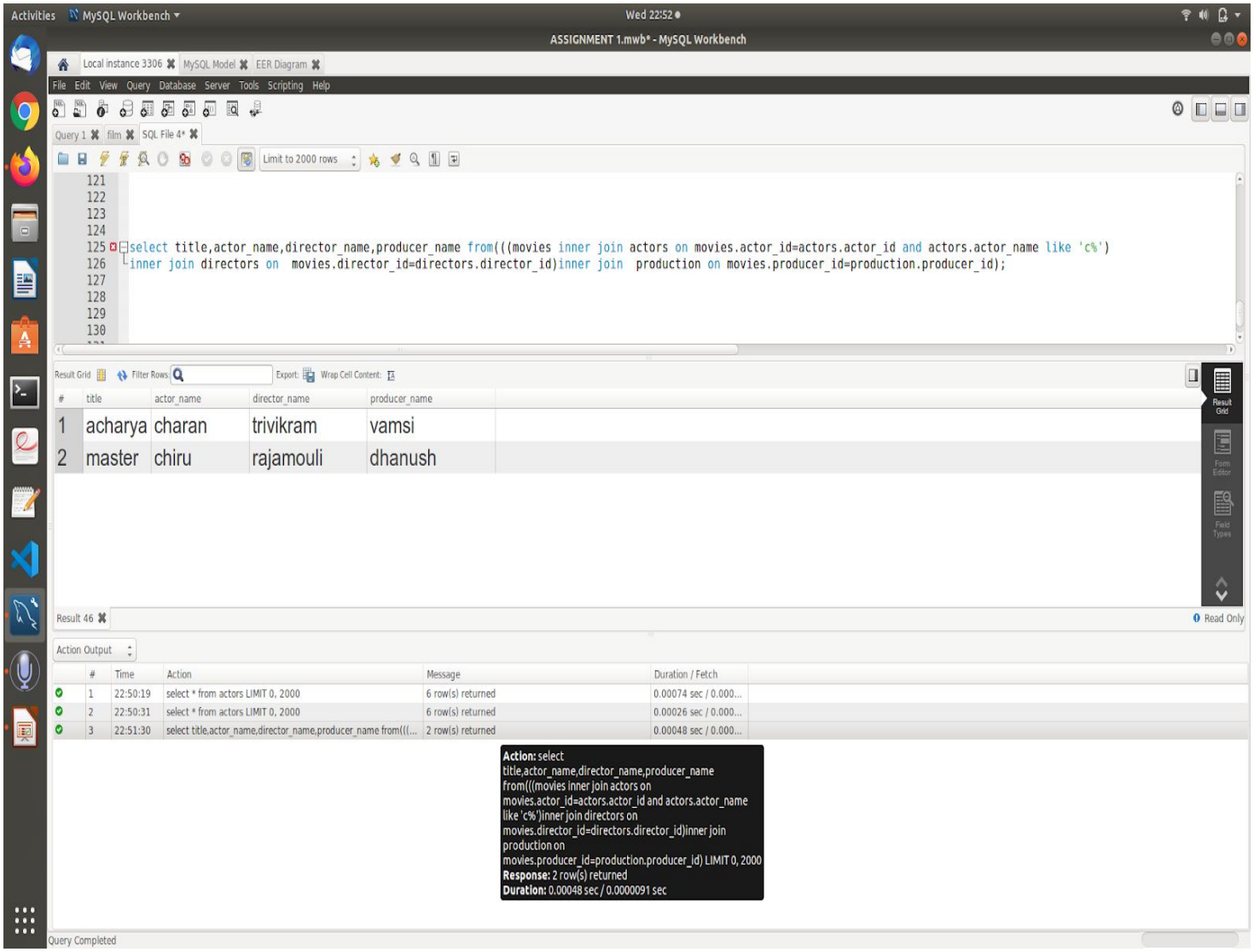
Output :



c)SQL Query

select title,actor_name,director_name,producer_name from(((movies inner join actors on movies.actor_id=actors.actor_id and actors.actor_name like 'c%') inner join directors on movies.director_id=directors.director_id)inner join production on movies.producer_id=production.producer_id);

Output :

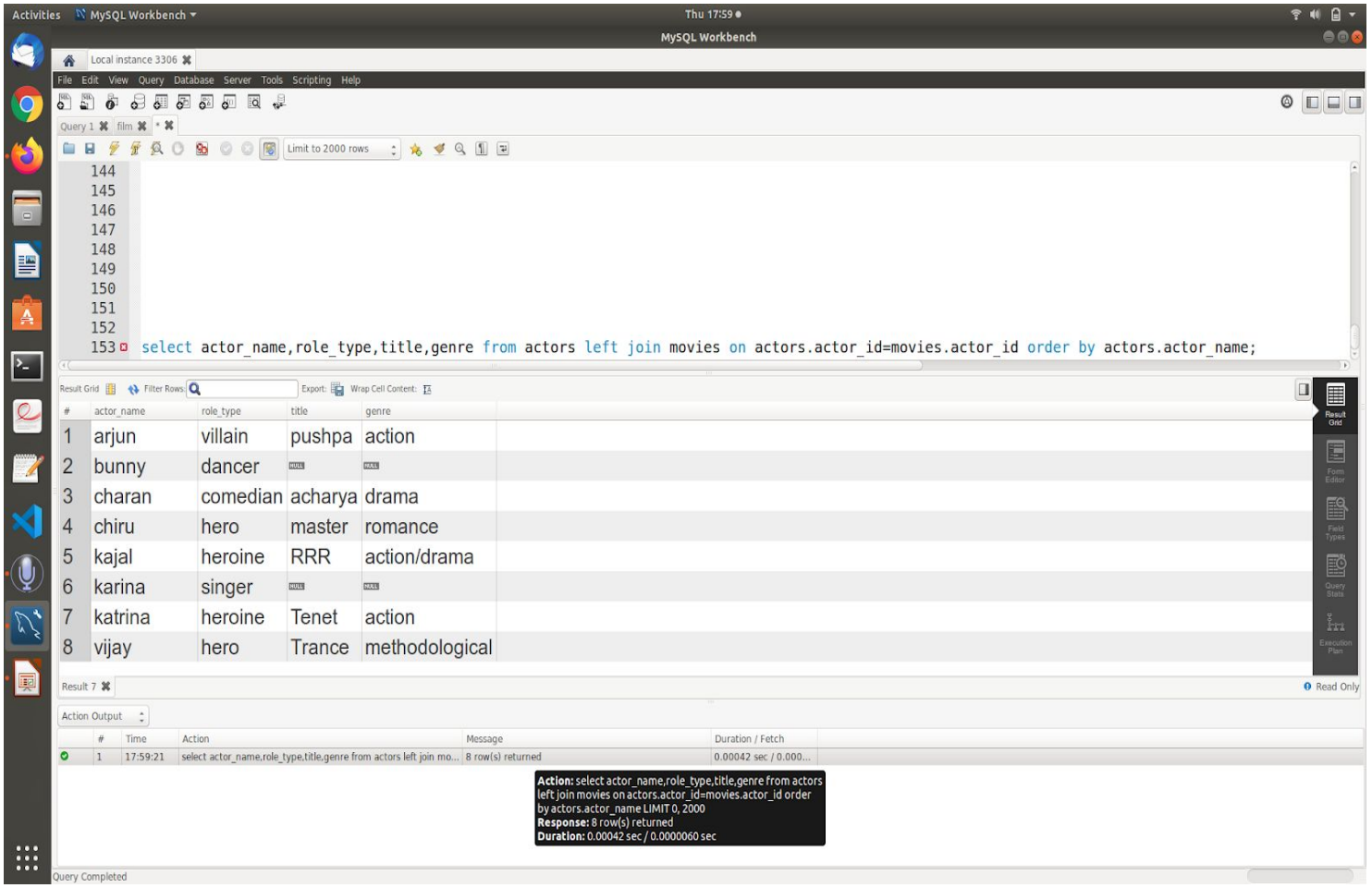


2. LEFT OUTER JOIN

a)SQL Query

select actor_name,role_type,title,genre from actors left join movies on actors.actor_id=movies.actor_id order by actors.actor_name;

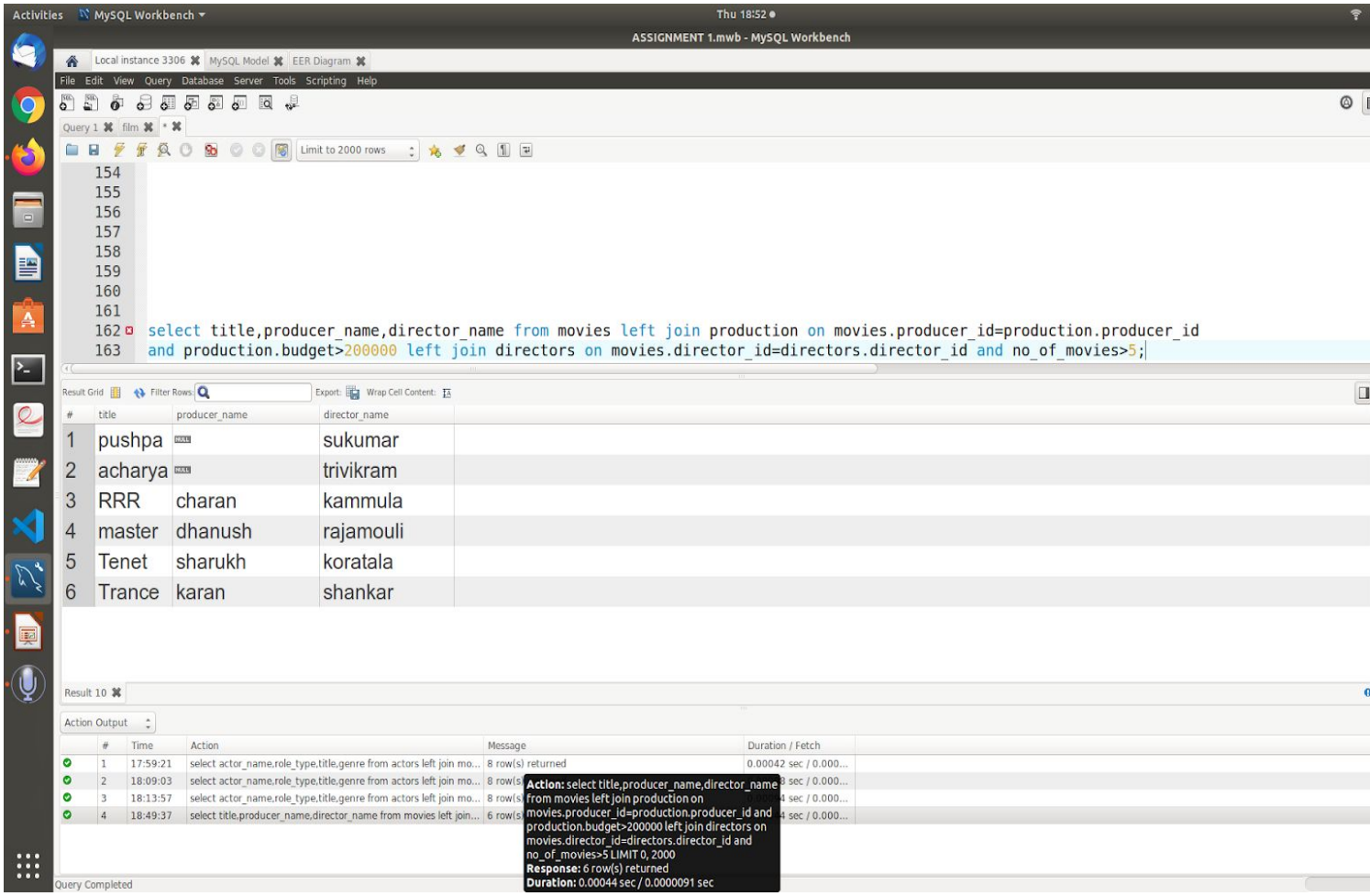
Output :



b)SQL Query

select title,producer_name,director_name from movies left join production on movies.producer_id=production.producer_id and production.budget>200000 left join directors on movies.director_id=directors.director_id and no_of_movies>5;

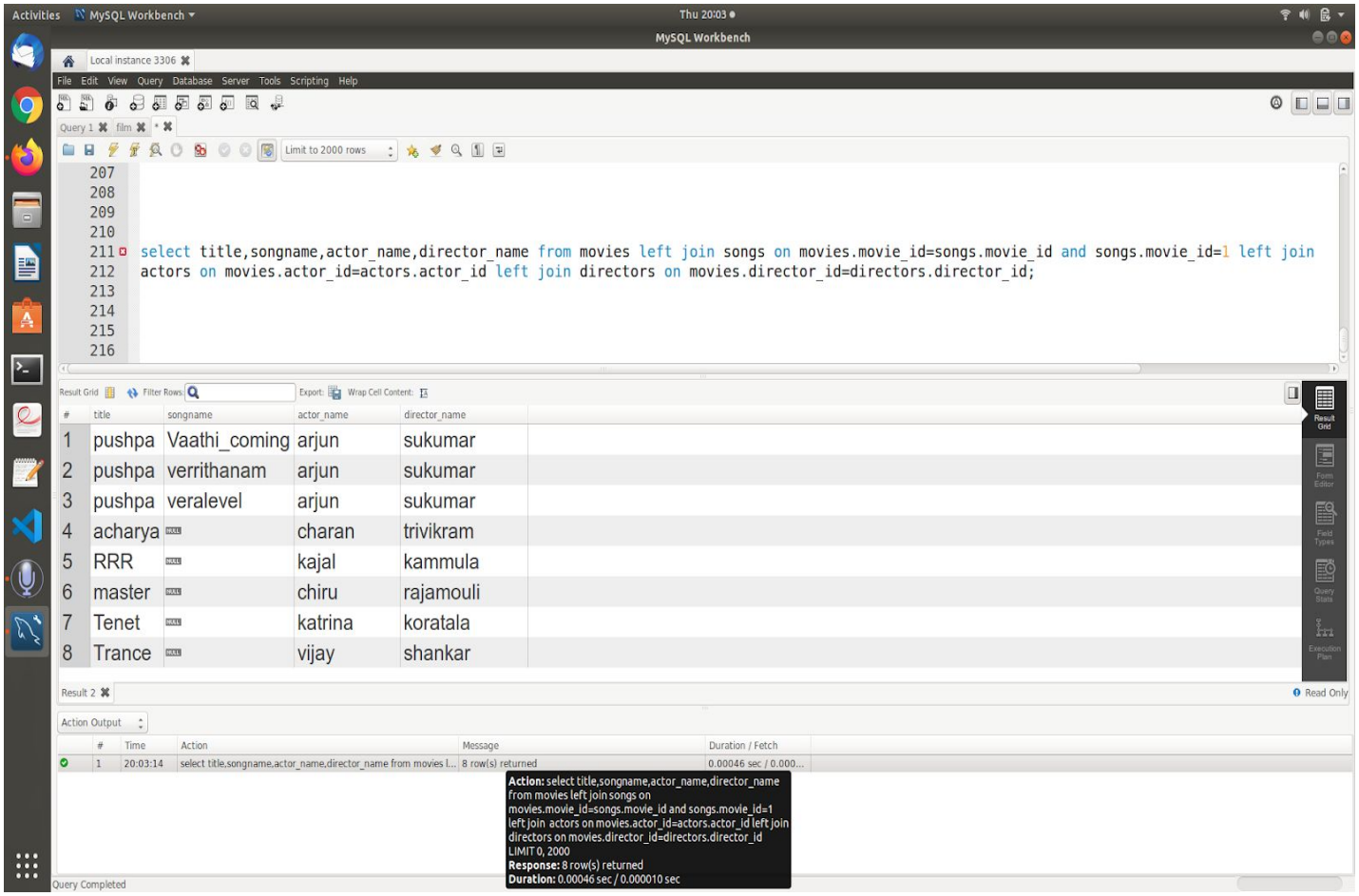
Output :



c)SQL Query

select title,songname,actor_name,director_name from movies left join songs on movies.movie_id=songs.movie_id and songs.movie_id=1 left join actors on movies.actor_id=actors.actor_id left join directors on movies.director_id=directors.director_id;

Output :

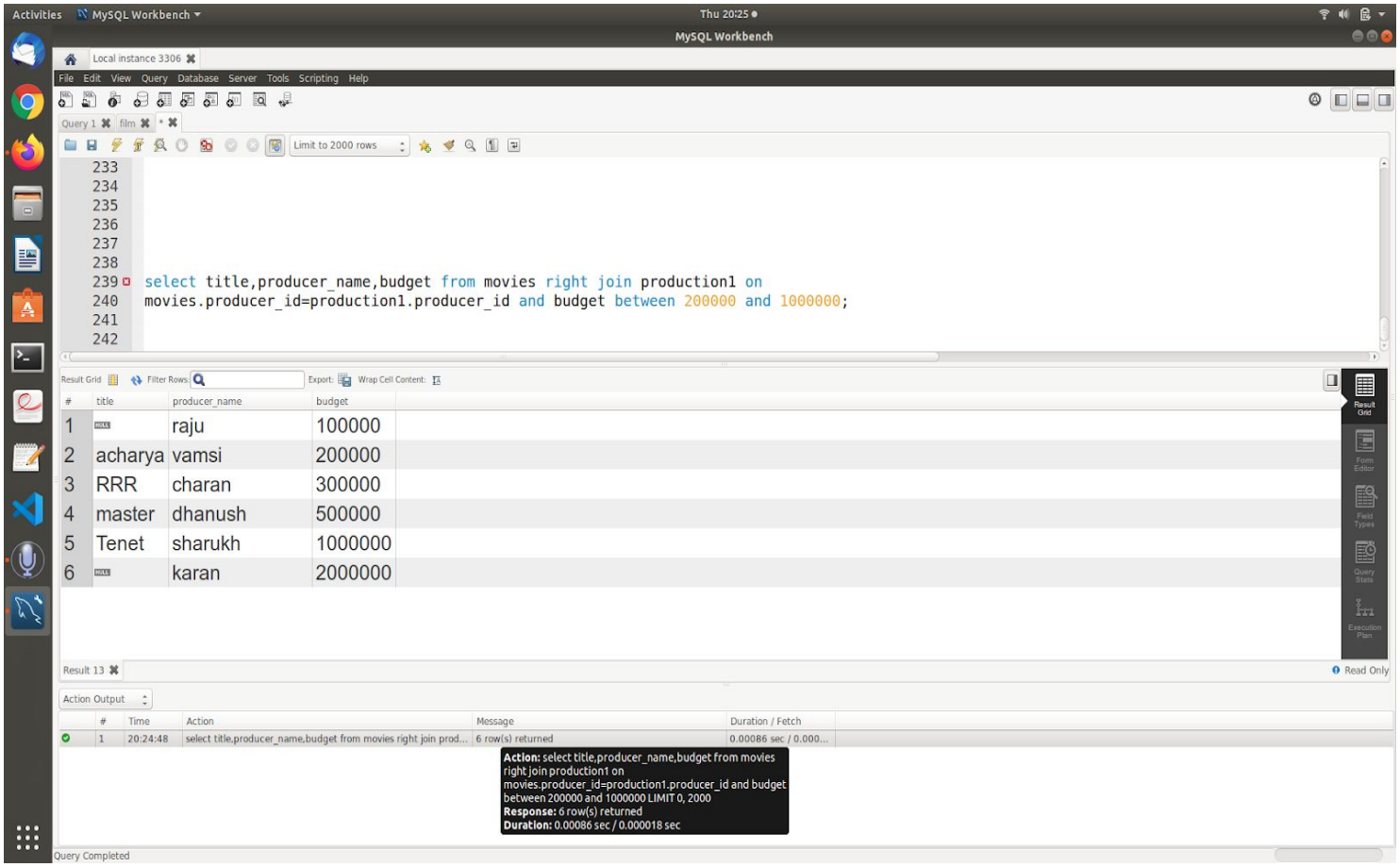


3.RIGHT OUTER JOIN

a)SQL Query

select title,producer_name,budget from movies right join production1 on movies.producer_id=production1.producer_id and budget between 200000 and 1000000;

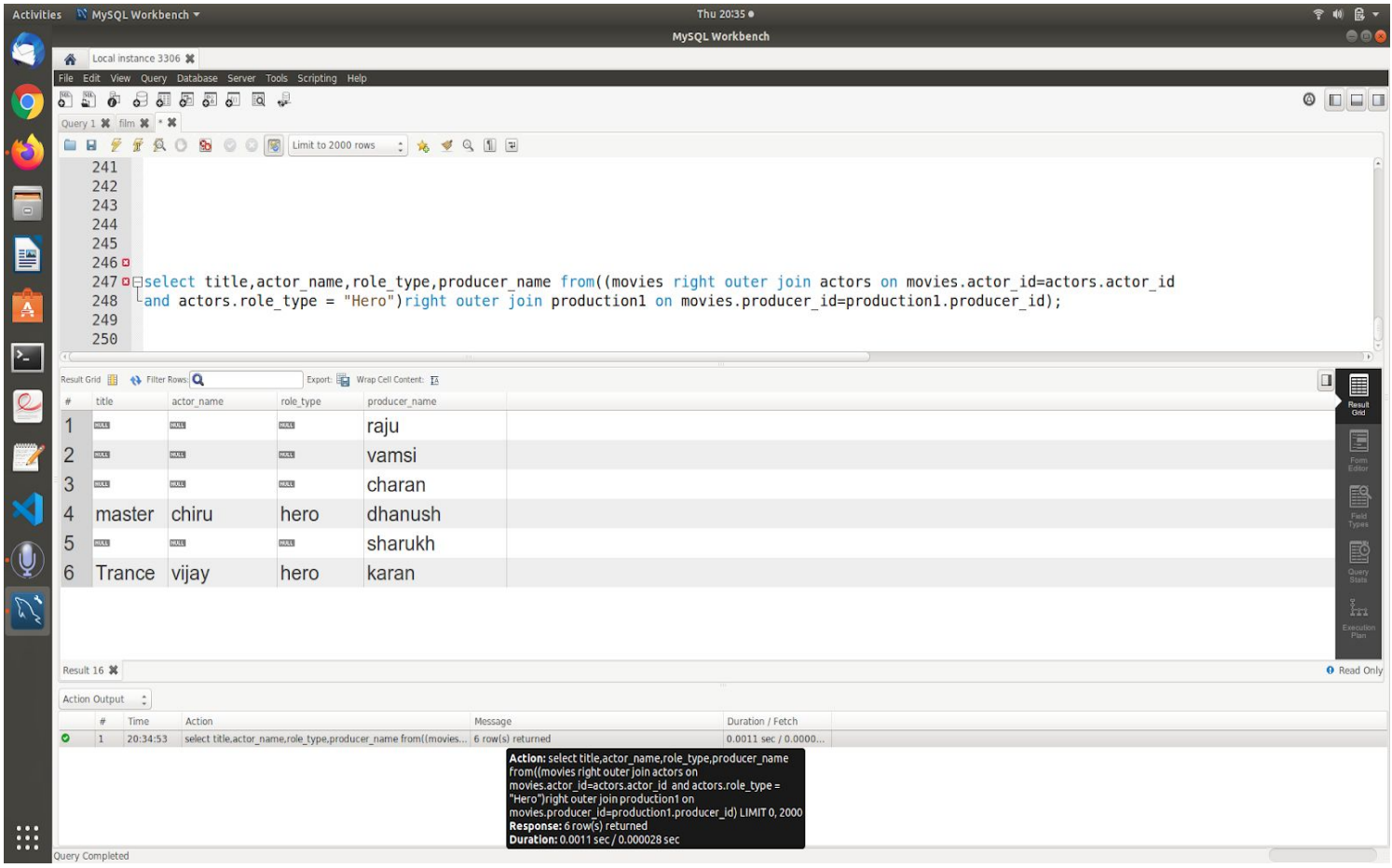
Output :



b)SQL Query

select title,actor_name,role_type,producer_name from((movies right outer join actors on movies.actor_id=actors.actor_id and actors.role_type = "Hero")right outer join production1 on movies.producer_id=production1.producer_id);

Output :



c)SQL Query

select distinct title,songname,actor_name,director_name,producer_name from((((movies right outer join songs on movies.movie_id=songs.movie_id)right outer join actors on movies.actor_id=actors.actor_id) right outer join directors on movies.director_id=directors.director_id)right outer join production1 on movies.producer_id=production1.producer_id)where movies.genre="Action" order by movies.title desc;

Output :