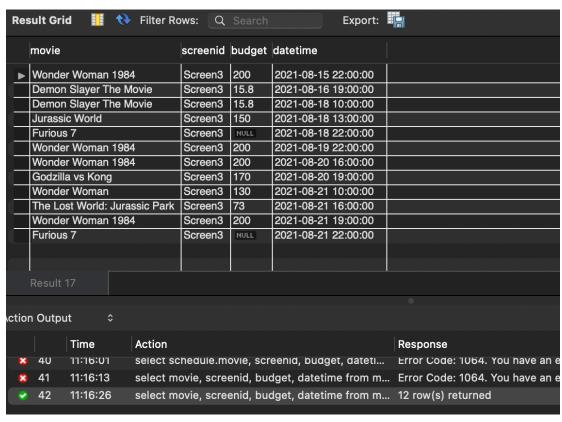
DAT 560G Homework#3 SID:499100

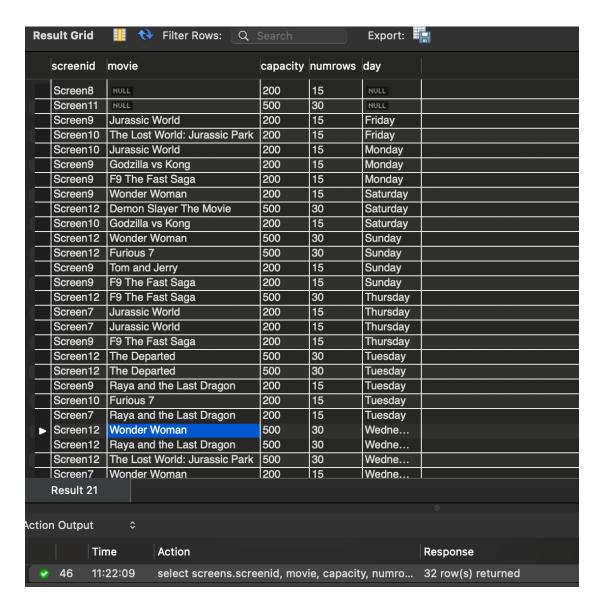
7) USE Movies;

select movie, screenid, budget, datetime from movies natural join schedule where screenid="Screen3" order by datetime;



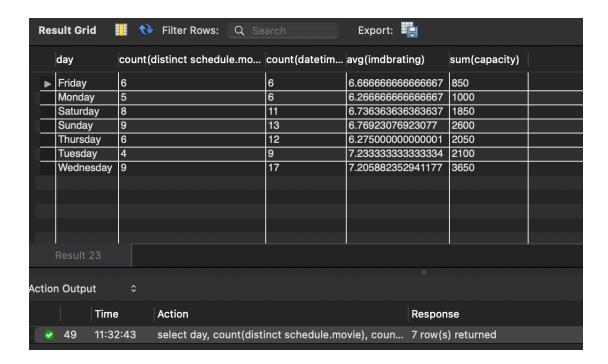
8) USE Movies:

select screens.screenid, movie, capacity, numrows, day from screens left join schedule on screens.screenid=schedule.screenid where capacity>=125 and numrows>=12 order by day;



9) USE Movies;

select day, count(distinct schedule.movie), count(datetime),avg(imdbrating), sum(capacity) from screens join schedule using(screenid) join movies using (movie) group by day;



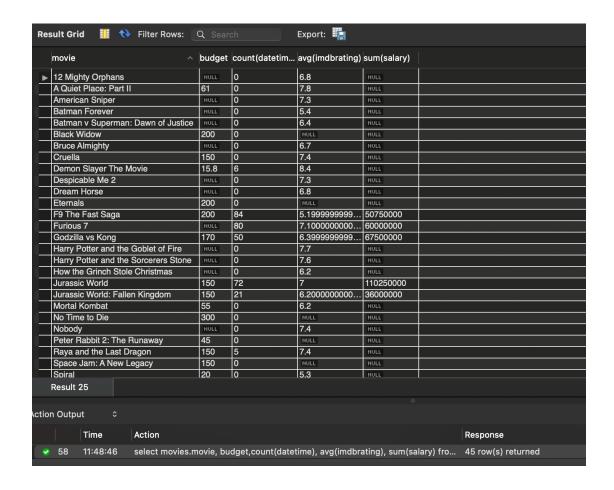
No, cannot at sum(budget). Because the movie on each day some movies was on multiple times, the budget will be added several times it is not the correct one.

10)

It returns an error because we set group by day, however, these movies can be shown on different screen which is not the same length of these two variables.

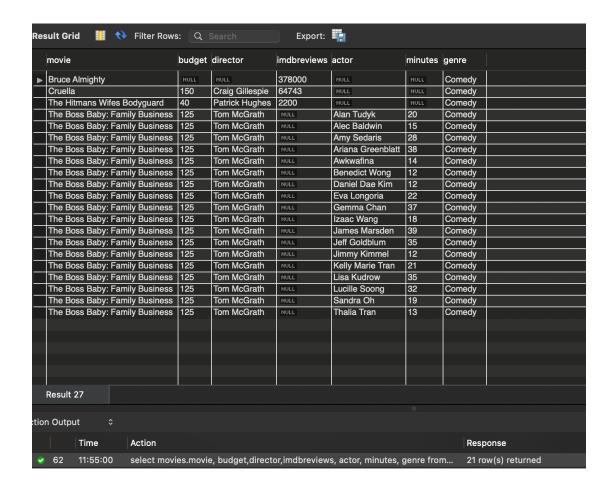
11) USE Movies;

select movies.movie, budget,count(datetime), avg(imdbrating), sum(salary) from movies left join schedule using(movie) left join actors using (movie) group by movie;



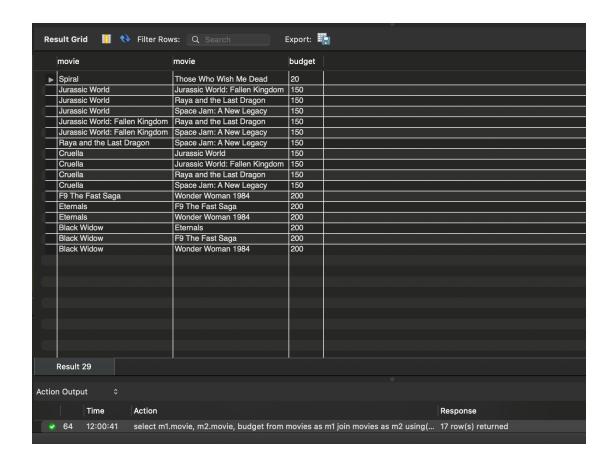
12) USE Movies;

select movies.movie, budget,director,imdbreviews, actor, minutes, genre from movies left join actors using(movie) where genre = "Comedy" order by director;



13) USE Movies;

select m1.movie, m2.movie, budget from movies as m1 join movies as m2 using(budget) where m1.movie < m2.movie order by budget;



14)2.5hrs.