1.

SELECT ticket\_movie.movie\_id, name, total

FROM ticket\_movie

INNER JOIN movie

ON ticket\_movie.movie\_id = movie.movie\_id

GROUP BY name

ORDER BY total DESC;

2.

SELECT ticket\_id, product.product\_id, name

FROM TICKET\_FOOD

INNER JOIN PRODUCT

ON ticket\_food.product\_id = product.product\_id

WHERE ticket\_id = ‘6004’ and (name = 'popcorn' or name = 'soda');

2.modified

select count(ticket\_food.ticket\_id) / count(ticket.ticket\_id)

from ticket\_food, ticket

where ticket\_food.ticket\_id = ( select ticket\_food.ticket\_id from ticket\_food, product where product.name = ticket\_food.product\_id = 981401 or ticket\_food.product\_id = 991101)

# siubquery ,more than 1

3.

SELECT SUM(QUANTITY) AS 'TICKETS\_SOLD', SESSIONS.SESSION\_ID, SESSIONS.NAME FROM TICKET\_MOVIE

INNER JOIN MOVIE ON TICKET\_MOVIE.MOVIE\_id= MOVIE.MOVIE\_ID

INNER JOIN SESSIONS ON MOVIE.SESSION\_ID = SESSIONS.SESSION\_ID

GROUP BY SESSION\_ID

ORDER BY TICKETS\_SOLD DESC;

4.

SELECT (PRICE\*QUANTITY) AS 'REVENUE', SESSIONS.SESSION\_ID, SESSIONS.NAME FROM TICKET\_MOVIE

INNER JOIN MOVIE ON TICKET\_MOVIE.MOVIE\_id= MOVIE.MOVIE\_ID

INNER JOIN SESSIONS ON MOVIE.SESSION\_ID = SESSIONS.SESSION\_ID

GROUP BY SESSION\_ID

ORDER BY REVENUE DESC;

5. Show the number of movies per genre

SELECT GENRE.NAME, COUNT(MOVIE.NAME) FROM MOVIE

INNER JOIN GENRE ON MOVIE.GENRE\_ID = GENRE.GENRE\_ID

GROUP BY GENRE.GENRE\_ID;

6. Show revenue per Genre

SELECT (PRICE\*QUANTITY) AS 'REVENUE', movie.genre\_id, genre.name FROM TICKET\_MOVIE

INNER JOIN MOVIE ON TICKET\_MOVIE.MOVIE\_id= MOVIE.MOVIE\_ID

INNER JOIN Genre ON MOVIE.genre\_id = Genre.genre\_id

GROUP BY genre\_id

ORDER BY REVENUE DESC;