# 1 Show film name ONLY which has screening

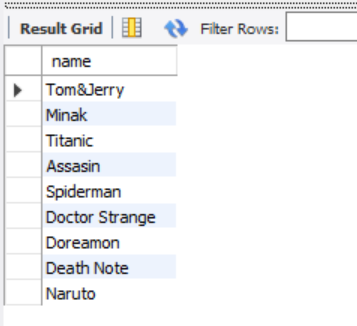
SELECT film.name

FROM film

JOIN screening

ON film.id = screening.film\_id

GROUP BY film.name;



# 2 Show Room name with all sear row and seat column of 'Room 2'

SELECT

room.name,

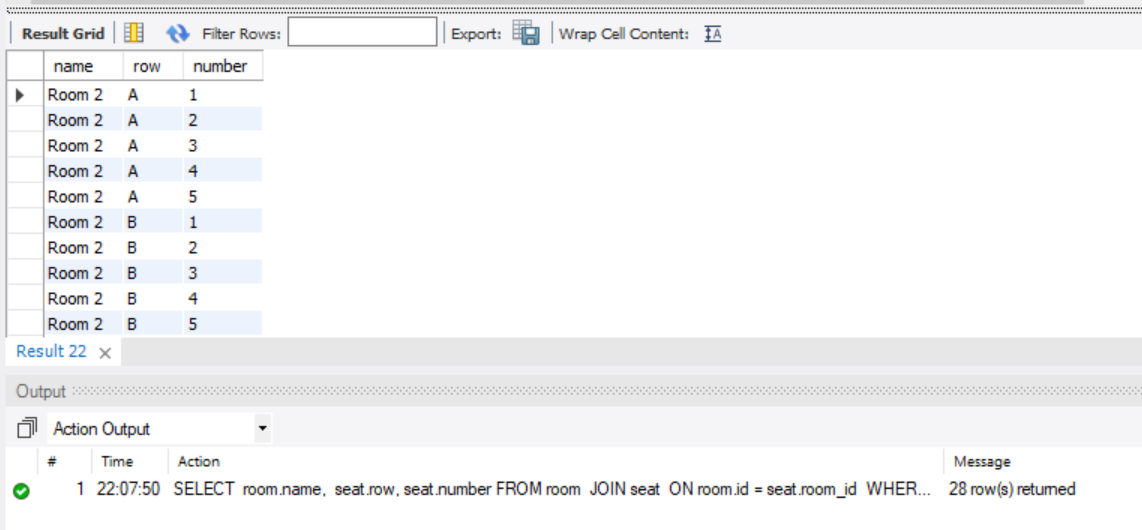
seat.row, seat.number

FROM room

JOIN seat

ON room.id = seat.room\_id

WHERE room.name = 'Room 2';



# 3 Show all Screening information including film name, room name, time of fil 'Tom & Jerry'

SELECT

screening.id, screening.film\_id, screening.room\_id,

room.name,

film.name

FROM screening

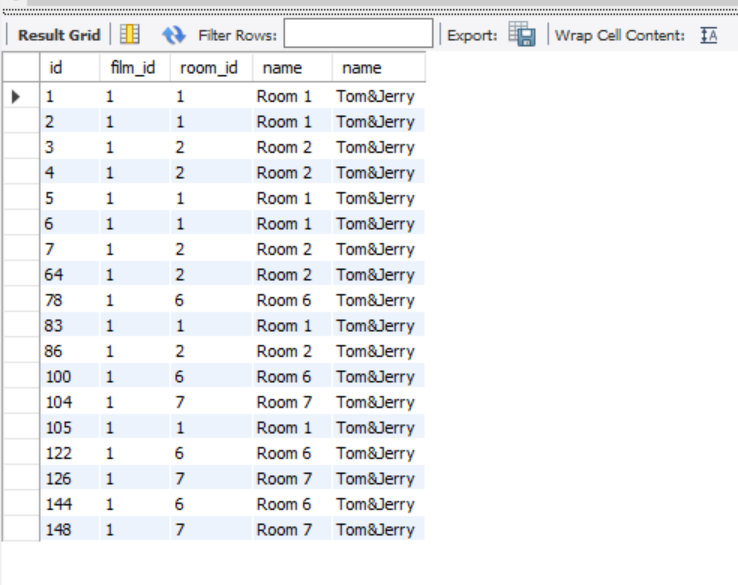
JOIN film

ON screening.film\_id = film.id

JOIN room

ON screening.room\_id = room.id

WHERE film.name = 'Tom&Jerry';



# 4 Show what seat that customer "Dung Nguyen ' booked

SELECT

customer.first\_name, customer.last\_name, seat.number, seat.row

FROM customer

JOIN booking

ON booking.customer\_id = customer.id

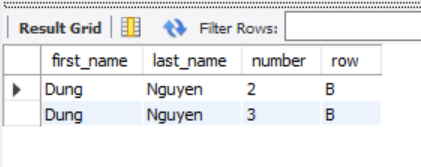
JOIN reserved\_seat

ON reserved\_seat.booking\_id = booking.id

JOIN seat

ON seat.id = reserved\_seat.seat\_id

WHERE customer.first\_name = 'Dung' AND customer.last\_name = 'Nguyen';



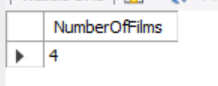
# 5 How many film that showed in 24/5/2022

SELECT

COUNT(DISTINCT(film\_id)) AS NumberOfFilms

FROM screening

WHERE DATE(start\_time) = '2022-05-24';



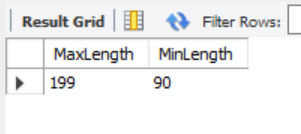
# 6 What is the maximum length and minimum length of all film

SELECT

MAX(length\_min) AS MaxLength,

MIN(length\_min) AS MinLength

FROM film;



# 7 How many seat in Room 7

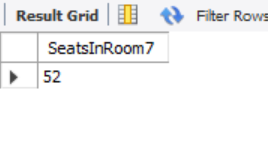
SELECT COUNT(seat.id) AS SeatsInRoom7

FROM seat

JOIN room

ON seat.room\_id = room.id

WHERE room.name = 'Room 7';



# 8 Total seat are booked of film "Tome&Jerry"

SELECT COUNT(reserved\_seat.seat\_id) AS SeatBookedTomJerry

FROM reserved\_seat

JOIN booking

ON reserved\_seat.booking\_id = booking.id

JOIN screening

ON screening.id = booking.screening\_id

JOIN film

ON film.id = screening.film\_id

WHERE film.name = 'Tom&Jerry'

