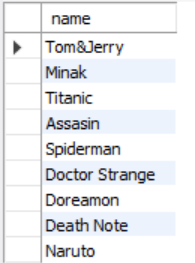
#Show film name ONLY which has screening.

SELECT DISTINCT film.name

FROM film

RIGHT JOIN screening ON film.id = screening.film\_id;



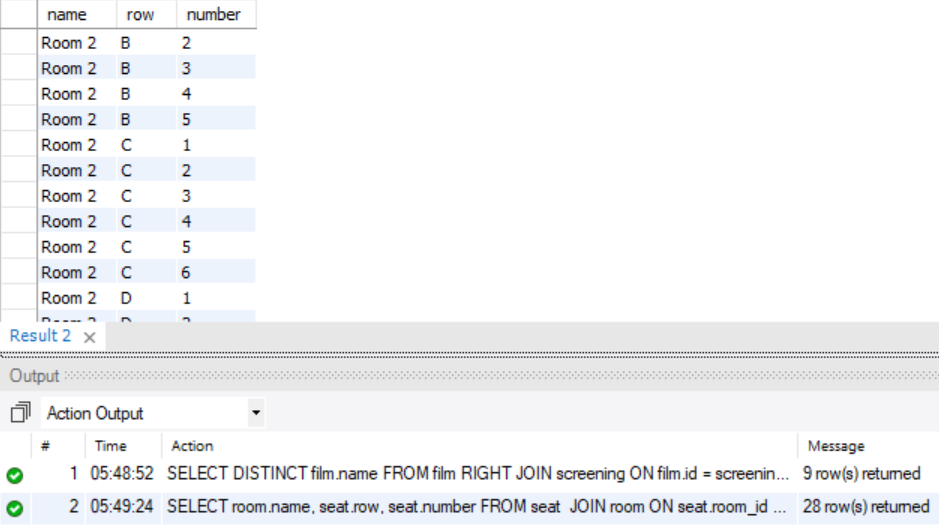
#Show Room name with all seat row and seat column of "Room 2"

SELECT room.name, seat.row, seat.number

FROM seat

JOIN room ON seat.room\_id = room.id

WHERE room.name = 'Room 2';



#Show all Screening Infomation including film name, room name, time of film "Tom&Jerry"

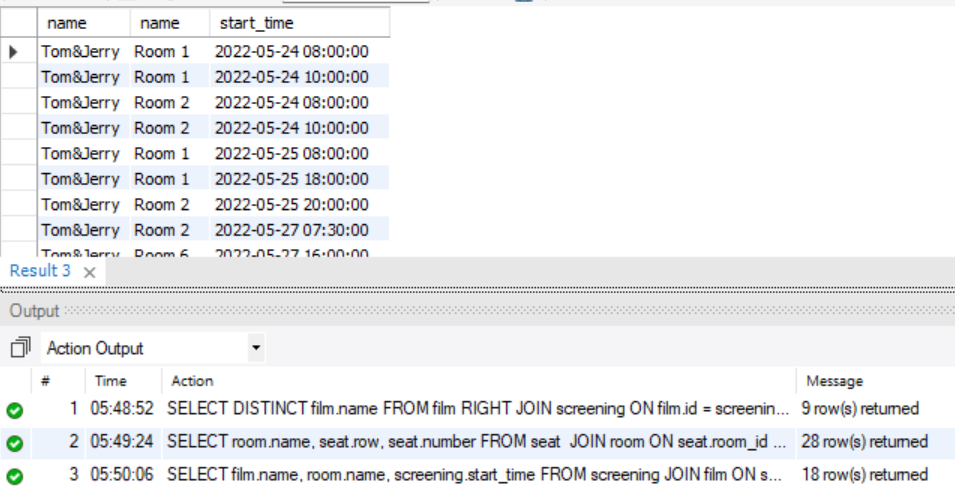
SELECT film.name, room.name, screening.start\_time

FROM screening

JOIN film ON screening.film\_id = film.id

JOIN room ON screening.room\_id = room.id

WHERE film.name = 'Tom&Jerry';



#Show what seat that customer "Dung Nguyen" booked

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

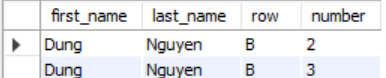
FROM reserved\_seat

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

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

JOIN customer ON booking.customer\_id = customer.id

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



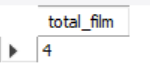
#How many film that showed in 24/5/2022

SELECT COUNT(DISTINCT film.name) AS total\_film

FROM screening

JOIN film ON screening.film\_id = film.id

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



#What is the maximum length and minumum length of all film

SELECT

(SELECT name FROM film WHERE length\_min = (SELECT MAX(length\_min) FROM film)) AS longest\_film,

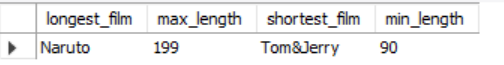
(SELECT MAX(length\_min)) AS max\_length,

(SELECT name FROM film WHERE length\_min = (SELECT MIN(length\_min) FROM film)) AS shortest\_film,

(SELECT MIN(length\_min)) AS min\_length

FROM film

LIMIT 1;



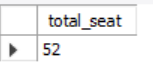
#How many seat of Room 7

SELECT COUNT(seat.id) AS total\_seat

FROM room

JOIN seat ON room.id = seat.room\_id

WHERE room.name = 'Room 7';



#Total seat are booked of film "Tom&Jerry"

SELECT COUNT(reserved\_seat.seat\_id) AS total\_reserved\_seats

FROM reserved\_seat

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

JOIN screening ON booking.screening\_id = screening.id

JOIN film ON screening.film\_id = film.id

WHERE film.name = 'Tom&Jerry';

A close up of a sign

Description automatically generated