

Relational Databases Modeling and Design

Part 1: Introduction to Databases

Practical Work 6: SQL queries

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We use the previous relational database:

- Individual (num_ind, name, surname)
- Film (num_film, *num_ind*, title, kind, fyear)
- Play (*num_ind*, *num_film*, role)
- Cinema (num_cine, name, address)
- Projection (*num_cine*, *num_film*, pdate)

Realize the following queries in SQL:

1. Give the titles of movies that have the same kind and the same year as 'Crash'.
2. What is the film whose release year is greater than or equal to all the years of the projection of different movies?
3. Count the number of each kind of film.
4. Count the number of movies played by each actor. We only want num_ind of the actor and the number of films in the answer.
5. What is the name and surname of the actors and the number of films in which they have played?
6. What is the name, surname and number of films of actors who have played strictly in more than one movie?
7. What is the average number of films played by actors?
8. Give for each film its title and the date of the oldest projection.