H04 - Algebra Relacional

1. π first_name, last_name (σ gender = 'F' (actors))

2. π name (σ year > 1999 (movies))

3. X = ρ idMovie ← id (movies)
   A = X ⋈ idMovie = movie_id movies_directors
   B = A ⋈ director_id = id directors
   π name, first_name, last_name (B)

4. Y = σ rank > 6 (movies)
   X = ρ idMovie ← id (Y)
   A = X ⋈ idMovie = movie_id roles
   B = A ⋈ actor_id = id actors
   π name, first_name, last_name, role (B)

5. A = γ director_id;count(movie_id)→Total (movies_directors)
   B = A ⋈ director_id = id directors
   π first_name, last_name, Total (B)

6. γ genre;count(movie_id)→Total (movies_genres)

7. A = movies ⋈ id = movie_id movies_genres

8. γ genre;avg(rank)→Medio,min(rank)→Minimo,max(rank)
   →Maximo (A)