

Some Hints on Labsheet 5

November 1, 2023

1. Result: 1845
Hint: Easy
2. Result: 13
Hint: Easy
3. Result: Around 20; includes 1027
Hint: Easy
4. Result: Around 10 spanning years 1964 2000
Hint: Standard 3way join actors-castings-movies; Use ORDER BY for chronological ordering
5. Result: 7 names including Orson Welles
Hint: Standard 3way join actors-castings-movies;
6. Result: 9 names including James Stewart
Hint: Similar to Q5 but with different WHERE criterion
7. Result: 12 titles including "Godfather, The"
Hint: Easy
8. Result: As for Q8
Hint: 2way self-join movies-movies, linked by common director; note film title recorded as "Godfather, The".
9. Result: 10 pairs
Hint: 2way self-join movies-movies, linked by common movie title; Beware of spurious pairs e.g. (X, X) or (X, Y) plus (Y, X); Consider Example 3 in Lecture 7 (students from the same county) for inspiration on how to handle this.
10. Result: Around 29 results, including Mission Impossible II
Hint: Use LIKE "%II" to capture titles ending in II. Ditto III etc.

11. Result: Around 19 results including Superman and Superman II
Hint: Self-join movies-movies using linking criterion that first title like second title with II attached
12. Result: Only one director 579
Hint: Hint: Self-join movies-movies linked by common director, WHERE criterion restricts to result to pairs with one good AND one bad movie.
13. Result: Only one; made in 1969.
Hint: 5way join movies x actors(1) x castings(1) x actors(2) x castings(2) Ensure movieid common across movies and castings(1) and castings(2); ensure actors(1) and castings(1) linked by common actor id; ditto actors(2) and castings(2).
14. Result: Quite a few, including John Goodman
Hint: 5way join as in Q13; ON conditions enforce co-appearances of pairs of actors in some film; WHERE condition to ensure one actor of pair is AP; names of other actor is such pairs gives the result.
15. Result: Humphrey Bogart
Hint: 5way join actors x castings(1) x movies(1) X castings(2) x movies(2) ON conditions stipulate actor id shared across actors, castings(1) and castings(2); Also to enforce castings(1) and movies(1) capture appearance of said actor in some film; ditto castings(2) and movies(2); WHERE condition enforces movie titles are the two specified in the question.
16. Result: Quite a few, including Raymond Burr (1954 and 1982) and George Wallace (1956 and 1980).
Hint: 5way join similar to Q15 whose 5-tuples capture appearances of an actor in a pair of films; WHERE criterion homes on the dates: the first film being from the 1950's the second from the 1980s.
17. Result: Seven films made in 1960.
Hint: Hint: Simple GROUP BY query applied to movies; remember MAX() applied TO strings yields alphabetically last
18. Intended question to refer to pairs of actors with at least 10 co-appearances.
Result: None with 10 co-appearances, but quite a few with 5 e.g. Woody Allen and Mia Farrow.
Hint: Use 4way join actors(1) x castings(1) x actors(2) x castings(2). Impose ON conditions to capture only pairs (X, Y) such that X and Y appear in some film together. Group by id of both actors so co-appearances all fall within one group. Use HAVING to restrict to groups of size at least 01.