Exercise 4: SQL Basics - Subqueries

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Task 1: Display the title of the most expensive movie. Do not use keyword LIMIT.

Expected result:

title
Analyze This

Task 2: Display the name of the client that made the first rental in the history. Do not use keyword LIMIT.

Expected result:

last_name
Belcher

Task 3: Display movie titles that are available for rental. Do not use JOINs.

Expected result:

title
Star Wars Episode IV: A New Hope
Ghostbusters
Terminator
Taxi Driver
Frantic
Ronin
Leon: the Professional
Mission Impossible

Task 4: Display titles of movies, with price greater than price of movie 'Frantic'.

Expected result:

title
Star Wars Episode IV: A New Hope
Ronin
Analyze This

Task 5: Display titles of movies, with price greater than price of all the movies produced before 1980.

Expected result:

title
Analyze This

Task 6: For each client display it's last name, count of all the rentals he or she made and total number of rentals in the whole rental store. Order results by last name.

Expected result:

last_name	count	total
Belcher	1	14
Goodspeed	4	14
Griffin	3	14
Hill	2	14
Sanchez	3	14
Simpson	1	14

Task 7: Display names of actors and titles of movies, that starred also Jean Reno. Order by movie titles

Expected result:

first_name	last_name	title
Jean	Reno	Leon: the Professional
Natalie	Portman	Leon: the Professional
Jean	Reno	Mission Impossible
Tom	Cruise	Mission Impossible
Jean	Reno	Ronin
Robert	De Niro	Ronin

Task 8: Display names and birthdays of clients with age greater than the average age. Age can be calculated by subtracting birthday from NOW().

Expected result:

first_name	last_name	birthdate
Hank	Hill	19.04.1954 00:00:00
Bob	Belcher	23.01.1977 00:00:00
Rick	Sanchez	17.03.1965 00:00:00

Task 9: Display names of clients that rented the same copies of movies as Brian Griffin

Expected result:

first_name	last_name
Brian	Griffin
Rick	Sanchez
Gary	Goodspeed