

Exercise 1: SQL Basics - Select statement

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Task 1: For every copy display it's ID and title of the movie. Order the results by copy ID

Expected result:	copy_id	title
	1	Star Wars Episode IV: A New Hope
	2	Star Wars Episode IV: A New Hope
	3	Ghostbusters
	4	Terminator
	5	Terminator
	6	Terminator
	7	Taxi Driver
	8	Platoon
	9	Frantic
	10	Frantic
	11	Frantic
	12	Ronin
	13	Ronin
	14	Analyze This
	15	Leon: the Professional
	16	Mission Impossible
	17	Mission Impossible
	18	Mission Impossible
	19	Mission Impossible
	20	Mission Impossible

Task 2: Display the titles of all the movies with copies available in the rental store. Eliminate duplicates

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

Task 3: Display IDs of copies of movies produced in 1984

	copy_id
	3
Expected result:	4
	5
	6

Task 4: For every rental display date of rental, date of return and name of client that made the rental

	date_of_rental	date_of_return	last_name
	04.07.2005 00:00:00	05.07.2005 00:00:00	Hill
	19.07.2005 00:00:00	22.07.2005 00:00:00	Hill
	24.07.2005 00:00:00	25.07.2005 00:00:00	Griffin
	26.07.2005 00:00:00	27.07.2005 00:00:00	Griffin
	29.07.2005 00:00:00	30.07.2005 00:00:00	Griffin
	10.07.2005 00:00:00	13.07.2005 00:00:00	Goodspeed
Expected result:	16.07.2005 00:00:00	17.07.2005 00:00:00	Goodspeed
	22.07.2005 00:00:00	23.07.2005 00:00:00	Goodspeed
	24.07.2005 00:00:00	25.07.2005 00:00:00	Goodspeed
	01.07.2005 00:00:00	05.07.2005 00:00:00	Belcher
	10.07.2005 00:00:00	13.07.2005 00:00:00	Simpson
	06.07.2005 00:00:00	07.07.2005 00:00:00	Sanchez
	29.07.2005 00:00:00	30.07.2005 00:00:00	Sanchez
	29.07.2005 00:00:00	30.07.2005 00:00:00	Sanchez

Task 5: For every rental display name of the client that made the rental and title of the rented movie

	last_name	title
	Hill	Star Wars Episode IV: A New Hope
	Hill	Terminator
	Griffin	Ghostbusters
	Griffin	Terminator
	Griffin	Taxi Driver
	Goodspeed	Ronin
Expected result:	Goodspeed	Mission Impossible
	Goodspeed	Ghostbusters
	Goodspeed	Taxi Driver
	Belcher	Ronin
	Simpson	Frantic
	Sanchez	Star Wars Episode IV: A New Hope
	Sanchez	Taxi Driver
	Sanchez	Mission Impossible

Task 6: Display titles and years of production of all the movies rented by Gary Goodspeed

	title	year
	Ronin	1998
Expected result:	Mission Impossible	1996
	Ghostbusters	1984
	Taxi Driver	1976

Task 7: Display name of the client, that made the first rental in the history

	first_name	last_name
Expected result:	Bob	Belcher

Task 8: Display last names of actors, that played in 'Terminator'

	last_name
Expected result:	Schwarzenegger
	Biehn
	Hamilton

Task 9: Display titles of all movies that starred Robert De Niro

	title
Expected result:	Taxi Driver
	Ronin
	Analyze This

Task 10: Display the movie title, that was rented for the longest time

	title
Expected result:	Ronin

Task 11: Display last names of clients that made rentals between '2005-07-15' and '2005-07-20'. Eliminate duplicates

	last_name
Expected result:	Goodspeed
	Hill

Task 12: Display titles of movies rented between '2005-07-15' and '2005-07-25'. Eliminate duplicates

	title
Expected result:	Ghostbusters
	Mission Impossible
	Taxi Driver
	Terminator

Task 13: For clients that have the same first name as one of the actors display: shared first name, last name of actor, last name of client

	first_name	actor	client
Expected result:	Lisa	Kudrow	Simpson
	Gary	Oldman	Goodspeed