SQL Programming – Level 1 Programming Project 06

# NULLs | Subqueries | Any | All …

***Reminder: read the Project Guidelines document for instructions on how to format and submit your assignments.***

## Part 1 – use the Oracle 9i database for the following problems.

Verify that you’re using a 9i version of the database, by executing this Oracle SQL command:

SELECT \*  
FROM v$version;

1. How many records in the database have NULL values in any of these columns: genre, purchase date, production year. You are looking for a single number.
2. For each of the videos in the comedy genre, show the title and cost of the movie. If the cost of the movie is NULL, show that cost as 0.
3. What was the cost for the most expensive movie(s) in the collection?
4. What is the name of the most expensive video(s)? (In other words: what films have a cost equal to the cost of the most expensive movie?)
5. What are the names for the least expensive movies in the collection? Show both the title of the film and the cost.
6. What are the names of the movies that cost within $2 of the most expensive film(s)?
7. Using the count function, how many videos are there in the collection that cost within $2 of the most expensive film(s)?

## Part 2 – use the Oracle 10g database for the following problems.

Verify that you’re using a 10g version of the database, by executing this Oracle SQL command:

SELECT \*  
FROM v$version;

1. Display the title and year and genre for all of the SH and CH genre videos.
2. Display the title and year for all of the films that were produced in the same year as any of the SH and CH videos.
3. Display the title and year for all of the films that were produced before any of the SH and CH videos were produced.
4. Display the title and year of all non SH and non CH films that were produced in the same year as any of the SH or CH videos were produced.

## Part 3 – use the MySQL database for the following problems.

1. How many records in the database have NULL values in any of these columns: genre, purchase date, production year.
2. For each of the films in the comedy genre, show the title and cost of the movie. If the cost of the movie is NULL, show that cost as 0.
3. What are the names of the movies that were produced in the earliest year of the collection?
4. What are the MID, titles, and genre of the movies that were produced in the earliest year of the collection?