**Nehemi SQL Mini-Project: Video & Reviewers**

**Assignment:**

Unit1: **Introduction to Data and Databases –   
project – one to many relationships**

**Instructions:**

**Create a videos table.** • This table should include a unique ID, the title of the video, the length in minutes, and the URL. Populate the table with at least three related videos from YouTube or other publicly available resources.

**Create and populate Reviewers table**. • Create a second table that provides at least two user reviews for each of at least two of the videos. ○ These should be imaginary reviews that include columns for the user’s name (“Asher”, “John”, etc.), the rating (which could be NULL, or a number between 0 and 5), and a short text review (“Loved it!”). There should be a column that links back to the ID column in the table of videos.

**Report on Video Reviews** • Write a JOIN statement that shows information from both tables.

**Nehemi’s Work:**

***Create a video table***

CREATE TABLE NJ\_videoproject(

Video\_ID serial PRIMARY KEY,

Title VARCHAR (50) UNIQUE NOT null,

Length INT null,

URL VARCHAR (300) UNIQUE NOT NULL);

SELECT \* FROM NJ\_videoproject;

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***Populate video Table***

INSERT INTO NJ\_videoproject (video\_id, title, length, url)

VALUES (1, 'AMISTAD', 155, '<https://www.youtube.com/watch?v=DoWeNWZAU48>' ),

(2, 'AVATAR', 162, '<https://www.youtube.com/watch?v=058s3smFXx0>'),

(3, 'BLACK PANTHER' , 134,'https://www.youtube.com/watch?v=QoTbGtV9Zpk');

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***Create Reviewers table***

CREATE TABLE NJ\_1videoreviewers

(Users VARCHAR(50) UNIQUE NOT NULL,

Rating INT,

Review\_comments VARCHAR(50),

Video\_ID INT);

select \* from NJ\_1videoreviewers

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***Populate Reviewers table***

INSERT INTO NJ\_1videoreviewers (Users, Rating, Review\_comments, video\_id)

VALUES ('AMY', 5, 'BEST MOVIE EVER', 1),

('DEREK', 5, 'MUST WATCH', 2),

('NEHEMI', 5, 'NUMBER 1 MOVIE', 3),

('MIKE', 5, 'BEST EVER', 1),

('DJ', 5, 'MUST SEE', 2),

('NAOMI', 5, 'LOVE IT', 3);

SELECT \* FROM NJ\_1videoreviewers

Table

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***Report on Video Reviews***

SELECT \* FROM NJ\_videoproject

INNER JOIN NJ\_1videoreviewers

ON NJ\_videoproject.video\_id = NJ\_1videoreviewers.video\_id;

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