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PROJECT 5 – ONE TO MANY RELATIONSHIPS

1.

**CREATE TABLE** videos(unique\_id SMALLINT,

title VARCHAR(350),

length\_min FLOAT(24),

url VARCHAR(1800));

select \* from videos

**INSERT INTO** videos(unique\_id, title, length\_min, url)

**VALUES** (123, 'Welcome to SQL (video) | SQL basics | Khan Academy', 2.05, 'https://www.khanacademy.org/computing/computer-programming/sql/sql-basics/v/welcome-to-sql'),

(345, 'JOINing related tables', 5.22, 'https://www.khanacademy.org/computing/computer-programming/sql/relational-queries-in-sql/pt/joining-related-tables'),

(567, 'Combining multiple joins', 3.18, 'https://www.khanacademy.org/computing/computer-programming/sql/relational-queries-in-sql/pt/combining-multiple-joins'),

(789, 'Changing rows with UPDATE and DELETE', 4.32, 'https://www.khanacademy.org/computing/computer-programming/sql/modifying-databases-with-sql/pt/changing-rows-with-update-and-delete'),

(890, 'Altering tables after creation', 3.53, 'https://www.khanacademy.org/computing/computer-programming/sql/modifying-databases-with-sql/pt/altering-tables-after-creation');

2.

**CREATE TABLE** reviewers (user\_name VARCHAR(80) PRIMARY KEY,

rating SMALLINT(rating >= 0 **AND** rating < 6 ),

review VARCHAR(1500),

unique\_id SMALLINT);

**INSERT INTO** reviewers (user\_name, rating, review, unique\_id)

**VALUES** ('Jack', 4, 'Loved it! Thank you for the great explanation!', 123),

('Amanda', 4, 'Awesome, thank for making this video!', 345),

('Kevin', 5, 'Thanks, guys!', 567),

('Anna', 5, '', 789),

('Juliana', 0, 'Extremely helpful!', 890);

3.

**SELECT** videos.unique\_id, videos.title, videos.length\_min , videos.url, reviewers.rating, reviewers.review

**FROM** videos

**INNER JOIN** reviewers

**ON** videos.unique\_id = reviewers.unique\_id;