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SQL Project

One to Many Relationships (Joins)

VIDEOS TABLE

```
CREATE TABLE vids (
    vid_ID int PRIMARY KEY,
    title VARCHAR,
    length INT,
    url VARCHAR)

INSERT INTO vids (vid_ID, title, length, url)
VALUES
(7658, 'How to Learn a Language', 9,
'https://www.youtube.com/watch?v=xNmf-G81Irs&list=PLDdnkA4E
06nBUPdfdll6G04l_RpAgZARw&index=68'),
(6003, 'Khan Academy - Data Analytics', 7,
'https://www.youtube.com/watch?v=JiwZQNYlGQI&list=PLDdnkA4E
06nBUPdfdll6G04l_RpAgZARw&index=77'),
(4280, 'TED Talks - Creative Original Thinkers', 18,
'https://www.youtube.com/watch?v=fxbCHn6gE3U&list=PLDdnkA4E
06nBUPdfdll6G04l_RpAgZARw&index=85');

SELECT * FROM vids
```

REVIEWERS TABLE

```
CREATE TABLE reviewers (  
  
    vid_ID int,  
    FOREIGN KEY (vid_ID) REFERENCES vids (vid_ID),  
    username VARCHAR NOT NULL,  
    rating int,  
    review VARCHAR(50) NOT NULL)  
  
INSERT INTO reviewers (vid_ID, username, rating, review)  
VALUES  
    (7658, 'Jimmy Fallon', 5, 'hahaha hilarious dude'),  
    (6003, '6puppyluver6', null, 'so adorable'),  
    (4280, 'Mr. Critic', 2, 'just wasted 9 minutes...');  
  
SELECT * FROM reviewers
```

JOIN TABLES

```
SELECT * FROM vids  
FULL OUTER JOIN reviewers  
ON vids.vid_ID = reviewers.vid_ID
```