

Week 3 - SQL Assignment

```
DROP TABLE IF EXISTS user_rating;
DROP TABLE IF EXISTS user_info;
DROP TABLE IF EXISTS video_info;
```

```
CREATE TABLE user_info
(userid integer,
 username character varying,
 PRIMARY KEY (userid));
```

```
CREATE TABLE video_info
(videoid integer PRIMARY KEY,
 title character varying,
 duration integer,
 url character varying);
```

```
CREATE TABLE user_rating
(userid integer CONSTRAINT userid_ref REFERENCES user_info(userid),
 videoid integer CONSTRAINT videoid_ref REFERENCES video_info(videoid),
 rating integer,
 comment character varying);
```

```
INSERT into video_info values
(1,'The hunger game mockingjay - Trailer',2,'https://www.youtube.com/watch?v=KmYNkasYthg'),
(2,'Minion - Trailer',3,'https://www.youtube.com/watch?v=eisKxhjBnZ0'),
(3,'Batman Vs Superman - Trailer',3,'https://www.youtube.com/watch?v=9SKdOyyR8ik');
```

```
INSERT INTO user_info VALUES
(1,'Jennie'),
(2,'Bob Downey'),
(3,'Steve Gates');
```

```
INSERT into user_rating values
(1,1,3,'Ok'),
(2,1,4, 'Good'),
(3,1,3, 'Not so Good'),
(1,2,5,'Wow, simply great'),
(2,2,4,'Very good'),
(3,2,4,'Hilarious'),
(2,3,3,'Not so good'),
(1,3,1,"");
```

```
SELECT
  title,
  duration,
  username,
  rating,
  comment,
  url
FROM
  user_rating r,
  user_info u,
  video_info v
WHERE
  v.videoid=r.videoid and
  u.userid=r.userid
ORDER BY 1;
```

Data Output						
<div> <div>Explain</div> <div>Messages</div> <div>History</div> </div>						
	title character varying	duration integer	username character varying	rating integer	comment character varying	url character varying
1	Batman Vs Superman - Trailer	3	Bob Downey	3	Not so good	https://www.youtube.com/watch?v=9SKdOyyR8ik
2	Batman Vs Superman - Trailer	3	Jennie	1		https://www.youtube.com/watch?v=9SKdOyyR8ik
3	Minion - Trailer	3	Bob Downey	4	Very good	https://www.youtube.com/watch?v=eisKxhjBnZ0
4	Minion - Trailer	3	Jennie	5	Wow, simply great	https://www.youtube.com/watch?v=eisKxhjBnZ0
5	Minion - Trailer	3	Steve Gates	4	Hilarious	https://www.youtube.com/watch?v=eisKxhjBnZ0
6	The hunger game mockingjay - Trailer	2	Bob Downey	4	Good	https://www.youtube.com/watch?v=KmYNkasYthg
7	The hunger game mockingjay - Trailer	2	Steve Gates	3	Not so Good	https://www.youtube.com/watch?v=KmYNkasYthg
8	The hunger game mockingjay - Trailer	2	Jennie	3	Ok	https://www.youtube.com/watch?v=KmYNkasYthg