Books Assignment

-- insert names into names tables

INSERT INTO users (first\_name, last\_name)

VALUES ('Jane', 'Amsden'),('Emily','Dixon'),('Theodore','Dostoevsy'),('William','Shapiro'),('Lao','Xiu');

-- insert books into books tables

INSERT INTO books (title, num\_of\_pages)

VALUES ('C Sharp', '5110'),('Java','600'),('Python','8'),('PHP','432'),('Ruby','605');

-- update book name to C#

UPDATE books

SET title = 'C#'

Where id = 1;

-- update user name to bill

UPDATE users

SET first\_name = 'Bill'

Where id = 4;

-- update user 1 to like first 2 books

INSERT INTO favorites (book\_id, user\_id)

VALUES (1, 1),(2,1);

-- update user 2 to like first 3 books

INSERT INTO favorites (book\_id, user\_id)

VALUES (1, 2),(2,2),(3,2);

-- update user 3 to like first 4 books

INSERT INTO favorites (book\_id, user\_id)

VALUES (1, 3),(2,3),(3,3),(4,3);

-- update user 4 to like all 5 books

INSERT INTO favorites (book\_id, user\_id)

VALUES (1, 4),(2,4),(3,4),(4,4),(5,4);

-- find all users that favorited the 3rd book

SELECT \* FROM favorites

JOIN users ON users.id = favorites.user\_id

WHERE book\_id = 3;

-- OOOOOORRRR

SELECT id, first\_name, last\_name FROM users

JOIN favorites ON users.id = favorites.user\_id

WHERE favorites.book\_id = 3;

-- remove the first user of the 3rd books favorites

DELETE FROM favorites

WHERE book\_id = 3 AND user\_id LIMIT 1;

-- have the 5th user favorite the second book

INSERT INTO favorites (book\_id, user\_id)

VALUES (2, 5);

-- find all books that the 3rd user favorited

SELECT title FROM favorites

JOIN users ON users.id = favorites.user\_id

JOIN books ON books.id = favorites.book\_id

WHERE user\_id = 3;

-- find all users that favorited the 5th book

SELECT \* FROM favorites

JOIN users ON users.id = favorites.user\_id

WHERE book\_id = 5;