# Assignment: Books SQL

use books\_schema;

SElECT \* FROM users;

INSERT INTO users(first\_name, last\_name, created\_at, updated\_at)

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

SELECT \* FROM books;

INSERT INTO books(title, created\_at, updated\_at)

VALUES('C Sharp', NOW(), NOW()),('Java', NOW(), NOW()),('Python', NOW(), NOW()),('PHP', NOW(), NOW()),('Ruby', NOW(), NOW());

UPDATE books\_schema.books

SET title = 'C#'

WHERE id = 1;

UPDATE books\_schema.users

SET first\_name = 'Bill'

WHERE id = 4;

SELECT \* FROM favorites;

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

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

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

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

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

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

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

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

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

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

WHERE favorites.book\_id = 3;

DELETE FROM favorites WHERE user\_id = 2 AND book\_id = 3;

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

VALUES(2, 5);

SELECT \* FROM books

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

WHERE favorites.user\_id = 3;

SELECT \* from users

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

WHERE favorites.book\_id = 5;