

Problem 1.

NOTE: For this QUIZ you need to code TWO SQL Statements!

1. Use the following SELECT statement below to create (or replace) a VIEW named authors_and_books.

```
SELECT lastname, firstname, title
FROM book JOIN bookauthor USING(isbn)
JOIN author USING(author_id);
```

Create new VIEW column names to use instead of lastname, firstname, and title.

2. Now code a SELECT statement using the authors_and_books VIEW to show the book title and the authors last name and first name in book title order.

PART 1:

```
CREATE OR REPLACE VIEW authors_and_books
(thelastname, thefirstname, thetitle)
AS
```

```
SELECT lastname, firstname, title
FROM book JOIN bookauthor USING(isbn)
JOIN author USING(author_id);
```

Part 2:

```
SELECT thetitle,thelastname, thefirstname
FROM authors_and_books
ORDER BY 1;
```


Problem 2.

Create a View to show all the editors and the books they are assigned to. The View should only contain columns for the editor's last name and first name, phone number and editor position and the book title. Sort in last name, first name order.

YOUR ANSWER HERE:

PART 1:

```
CREATE OR REPLACE VIEW books_and_editors
AS
SELECT lastname, firstname, phone, editor_position, title
FROM book
JOIN bookeditor USING (isbn)
JOIN editor USING (editor_id ) ;
```

PART 2:

```
SELECT *
FROM books_and_editors
ORDER BY lastname, firstname ;
```


SQL PROBLEMS - END COPY & PASTE