

Basic Queries

1. Add new column to products table that stores tax rate for the products and set tax rate to 12% for all products.
2. Display titles that End with 's' or 't'.
3. Display books of type business, psychology & undecided.
4. Display titles where the sales > 5000 & royalty < 20.
5. Display titles in the ascending order of sales for publisher 0736.
6. Display the difference between maximum & minimum royalty of books published by publisher 0877.

Grouping

1. Display author_id and no. of books written by Author.
2. Display how many authors are there for each title.
3. Display average royalty % for authors in the order of author.
4. Display titles in the order of price if sales are in the range 10k to 20k.
5. Display how many authors are in the city Menlo Park.
6. Display state and no. of authors we have in the state in the order of state.
7. Display States in which we have more than 2 authors, with 1st name starting with 's'.

Functions

1. Display title after replacing all spaces with (dots) and (hyphens) with (stars).
2. Display title by removing all spaces.
3. Display first word in the title.
4. Display month and year in which book was published.

Joining

1. Display title, publisher name for titles where the publisher is in USA.
2. Display publisher name and average price of books.
3. Display City of author and then no. of books written by authors in the city.
4. Display author name, title for all authors including the ones without a title.
5. Display title, publisher name, and author name of the primary author.
6. Display city of publisher and maximum price of all titles.
7. Display titles written by any author in the city Menlo Park.
8. Display publishers who published a title in 1991.
9. Display titles not published in USA.
10. Display titles either published in USA (or) having price <5.

Views and Subqueries

1. Create a view to with title, publisher, year of publishing, price and type. Make sure when price is null display zero and type is null display 'Unknown'.
2. Display publishers who published books by author who wrote more than 2 titles.
3. Delete rows from title_author for author with first_name as Dean.
4. Update the price of the book BU1111 with the price of book MC2222.
5. Display titles published in last 25 years.
6. Display titles published by any publisher who published a title in 2021.
7. Create a view to display publisher name, city, and no. of books published.