

DBMS - CIE-2 (LAB)

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VEN: 1B1419CS024

SEC: 4-B

BATCH: B-2

QUESTION ALLOCATED:- 1 (Bookdealer database)

Q1 Book Dealer Database

author (author_id: int, name: string, city: string
country: string)

Publisher (publisher_id: int, name: string, city: string
country: string)

Catalog (book_id: int, b_name: string author_id: int,
publisher_id; category_id: int, year: int price: int)

i) create table author(

author_id INT PRIMARY KEY,
a_name VARCHAR(20),
city VARCHAR(20),
country VARCHAR(20)
);

CREATE TABLE PUBLISHER(

publisher_id INT PRIMARY KEY,
p_name VARCHAR(20),
city varchar(20),
country varchar(20));

CREATE TABLE catalog(book_id INT Primary key

- ii) `INSERT INTO author (author_id, a-name, city, country)
VALUES (1001, 'TENAS CRAN', 'CA', 'USA');`
- iii) `INSERT INTO category (category_id, description) VALUES
(1001, 'COMPUTER SCIENCE');`
- iv) `SELECT author.author_id, a-name, country,
city, price FROM author, catalog WHERE
author.author_id = catalog.author_id
AND catalog.pyear >= 2000 GROUP BY
catalog.author_id HAVING COUNT(catalog.author_id)
>= 2;`
- v) `SELECT author.a-name FROM author,
catalog, orders WHERE author.author_id =
catalog.author_id AND catalog.book_id =
orders.book_id ORDER BY orders.qty DESC
LIMIT 1; OR SELECT author.a-name FROM
author, catalog, order WHERE author.author_id = catalog.
author_id AND catalog.`
- vi) `UPDATE catalog SET PRICE = 1.10 * PRICE
WHERE publisher_id = 2;
SELECT * FROM catalog;`
- vii) `SELECT order.order_no, orders.book_id, orders.qty
FROM orders, catalog, publisher WHERE orders.book_id = catalog.book_id
AND catalog.publisher_id = publisher.publisher_id AND publisher.phone = 'HIGH'`
- * viii) `SELECT author.a-name FROM author, catalog, orders
WHERE author.author_id = catalog.author_id AND`

PAGE NO. / /
DATE / /

Catalog.book_id = orders.book_id AND
orders.qty = (SELECT MAX(qty) FROM orders)