Lab-2 Bookdealer output

MySQL Workbench — book dealer / insurance (Screenshot 1)

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Table: category
Columns:
category_id int PK
description varchar(20)

Result Grid:

book_id	title	author_id	publisher_id	category_id	year	price
11	Unix System Prg	1001	1	1001	2000	276
12	Digital Signals	1002	2	1003	2001	425
13	Logic Design	1003	3	1002	1999	225
14	Server Prg	1004	4	1004	2001	333
15	Linux OS	1005	5	1005	2003	326

Action Output:

#	Time	Action	Message	Duration / Fetch
62	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(5,15,3)	1 row(s) affected	0.000 sec
63	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(2,17,10)	1 row(s) affected	0.000 sec
64	02:44:56	COMMIT	0 row(s) affected	0.000 sec
65	02:44:56	desc ORDER_DETAILS	3 row(s) returned	0.000 sec / 0.000 sec
66	02:44:56	SELECT *FROM ORDER_DETAILS LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
67	02:44:56	SELECT AUTHOR.author_id,name,city,country FROM AUTHOR,CATALOG where AUTHOR.author_id=CATA...	1 row(s) returned	0.000 sec / 0.000 sec
68	02:44:57	SELECT price from CATALOG where year>2000 LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
69	02:44:57	select name from AUTHOR,CATALOG where AUTHOR.author_id=CATALOG.author_id and book_id in(select ...	1 row(s) returned	0.000 sec / 0.000 sec
70	02:44:57	update CATALOG set price=1.1*price where publisher_id in(select publisher_id from PUBLISHER where name...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
71	02:44:57	select *from CATALOG LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench — book dealer / insurance (Screenshot 2)

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Table: order_details
Columns:
order_no int
book_id   int
quantity int

Result Grid (ORDER_DETAILS 25):

order_no	book_id	quantity
1	11	5
2	12	8
3	13	15
4	14	22
5	15	3

Action Output:

#	Time	Action	Message	Duration / Fetch
62	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(5,15,3)	1 row(s) affected	0.000 sec
63	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(2,17,10)	1 row(s) affected	0.000 sec
64	02:44:56	COMMIT	0 row(s) affected	0.000 sec
65	02:44:56	desc ORDER_DETAILS	3 row(s) returned	0.000 sec / 0.000 sec
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71	02:44:57	select *from CATALOG LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench — Screenshot 1

Query 1

```
66   insert into PUBLISHER(publisher_id,name,city,country)values(3,'PHI','DELHI','INDIA');
67   insert into PUBLISHER(publisher_id,name,city,country)values(4,'WILLEY','BERLIN','GERMANY');
68   insert into PUBLISHER(publisher_id,name,city,country)values(5,'MGH ','NEW YORK','USA');
69   COMMIT;
70   desc PUBLISHER;
71   SELECT *FROM PUBLISHER;
72   insert into CATEGORY(category_id,description)values(1001,'COMPUTER SCIENCE');
```

Result Grid

publisher_id	name	city	country
1	PEARSON	NEW YORK	USA
2	EEE	NEW SOUTH VALES	USA
3	PHI	DELHI	INDIA
4	WILLEY	BERLIN	GERMANY
5	MGH	NEW YORK	USA

Table: publisher

Columns:
- publisher_id int PK
- name varchar(20)
- city varchar(15)
- country varchar(15)

Action Output

#	Time	Action	Message	Duration / Fetch
62	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(5,15,3)	1 row(s) affected	0.000 sec
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70	02:44:57	update CATALOG set price=1.1*price where publisher_id in(select publisher_id from PUBLISHER where name...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
71	02:44:57	select *from CATALOG LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

03:15 05-05-2021

MySQL Workbench — Screenshot 2

Query 1

```
97    desc ORDER_DETAILS;
98    SELECT *FROM ORDER_DETAILS;
99    /*Give the details of the authors who have 2 or more books in the catalog and the price of the books in the
100       catalog and the year of publication is after 2000*/
101   SELECT AUTHOR.author_id,name,city,country FROM AUTHOR,CATALOG where AUTHOR.author_id=CATALOG.author_id group by CATALOG.author_id having count
102   SELECT price from CATALOG where year>2000;
103   /*Find the author of the book which has maximum sales.*/
```

Result Grid

price
425
333
326

Schema: bookdealer

Action Output

#	Time	Action	Message	Duration / Fetch
62	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(5,15,3)	1 row(s) affected	0.000 sec
63	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(2,17,10)	1 row(s) affected	0.000 sec
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71	02:44:57	select *from CATALOG LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

04:09 05-05-2021

SQL query (top screenshot):

```
103    /*Find the author of the book which has maximum sales.*/
104    select name from AUTHOR,CATALOG where AUTHOR.author_id=CATALOG.author_id and book_id in(select book_id from ORDER_DETAILS where quantity=(sele
105    /*Demonstrate how you increase the price of books published by a specific publisher by 10%.*/
106    update CATALOG set price=1.1*price where publisher_id in(select publisher_id from PUBLISHER where name='PEARSON');
107    select *from CATALOG;
108
109
```

Result Grid:

name
KARTHIK B.P

Action Output:

#	Time	Action	Message	Duration / Fetch
62	02:44:56	insert into ORDER_DETAILS(order_no,book_id,quantity)values(5,15,3)	1 row(s) affected	0.000 sec
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71	02:44:57	select *from CATALOG LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

SQL query (bottom screenshot):

```
103    /*Find the author of the book which has maximum sales.*/
104    select name from AUTHOR,CATALOG where AUTHOR.author_id=CATALOG.author_id and book_id in(select book_id from ORDER_DETAILS where quantity=(sele
105    /*Demonstrate how you increase the price of books published by a specific publisher by 10%.*/
106    update CATALOG set price=1.1*price where publisher_id in(select publisher_id from PUBLISHER where name='PEARSON');
107    select *from CATALOG;
108
109
```

Result Grid:

book_id	title	author_id	publisher_id	category_id	year	price
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67	02:44:56	SELECT AUTHOR.author_id,name,city,country FROM AUTHOR,CATALOG where AUTHOR.author_id=CATA...	1 row(s) returned	0.000 sec / 0.000 sec
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