

DBMS LAB

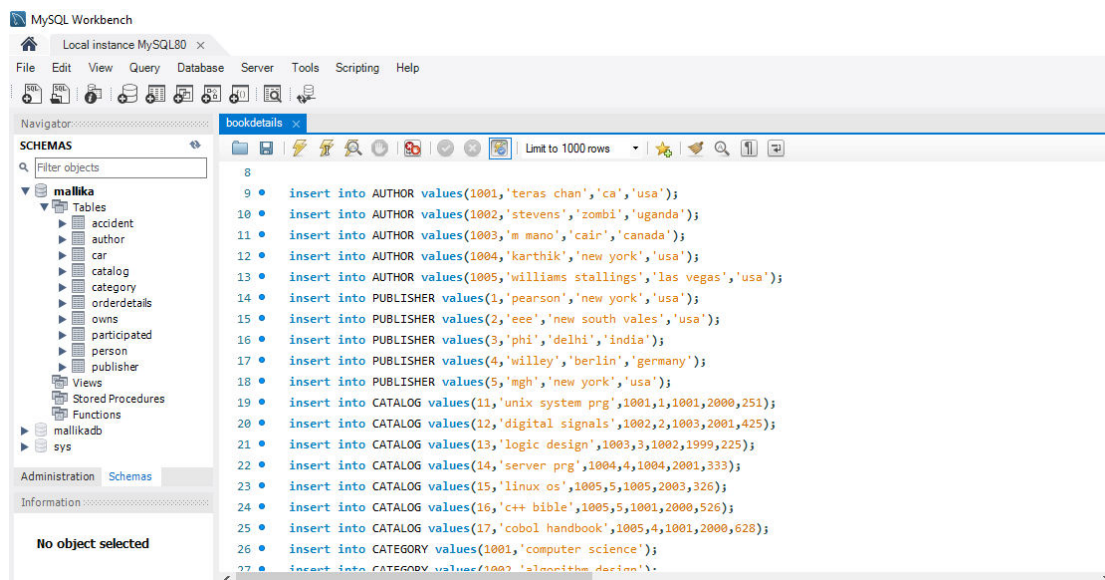
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LAB PROG 2

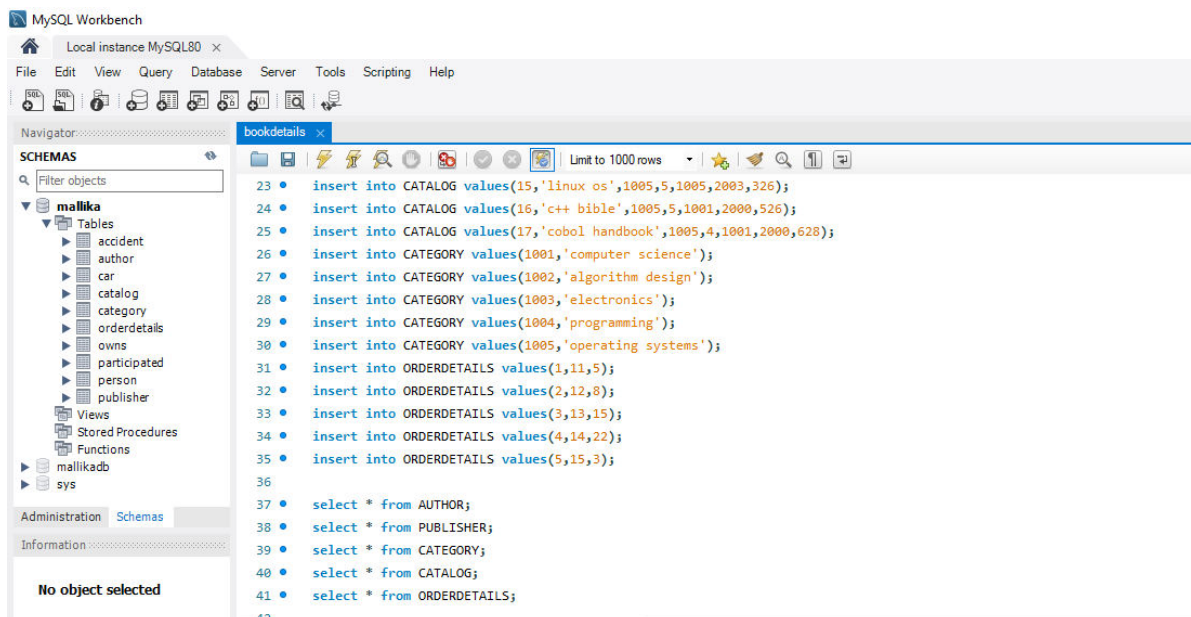
OUTPUT

Values insertion-



The screenshot shows the MySQL Workbench interface with the 'bookdetails' database selected. The left sidebar displays the 'SCHEMAS' tree with 'malika' expanded, showing tables like 'author', 'publisher', 'catalog', and 'category'. The main editor displays a list of SQL insert statements for the 'AUTHOR', 'PUBLISHER', 'CATALOG', and 'CATEGORY' tables. The statements are as follows:

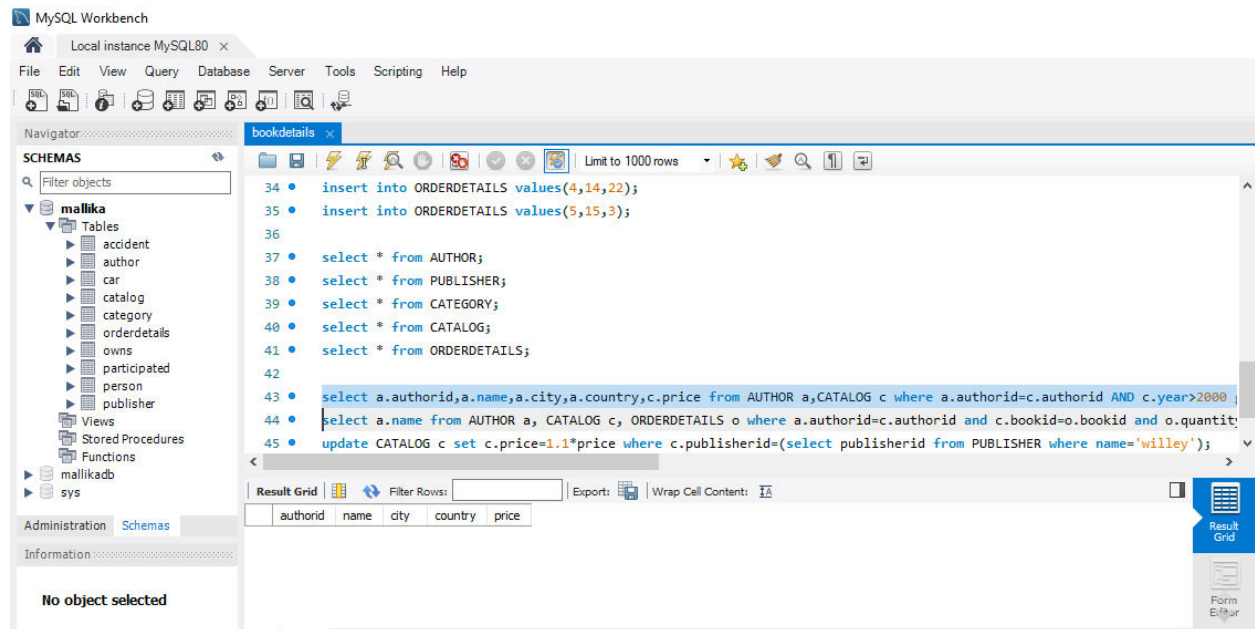
```
8
9 • insert into AUTHOR values(1001,'teran chan','ca','usa');
10 • insert into AUTHOR values(1002,'stevens','zombi','uganda');
11 • insert into AUTHOR values(1003,'m mano','cain','canada');
12 • insert into AUTHOR values(1004,'karthik','new york','usa');
13 • insert into AUTHOR values(1005,'williams stallings','las vegas','usa');
14 • insert into PUBLISHER values(1,'pearson','new york','usa');
15 • insert into PUBLISHER values(2,'eee','new south vales','usa');
16 • insert into PUBLISHER values(3,'phi','delhi','india');
17 • insert into PUBLISHER values(4,'willey','berlin','germany');
18 • insert into PUBLISHER values(5,'mgh','new york','usa');
19 • insert into CATALOG values(11,'unix system prg',1001,1,1001,2000,251);
20 • insert into CATALOG values(12,'digital signals',1002,2,1003,2001,425);
21 • insert into CATALOG values(13,'logic design',1003,3,1002,1999,225);
22 • insert into CATALOG values(14,'server prg',1004,4,1004,2001,333);
23 • insert into CATALOG values(15,'linux os',1005,5,1005,2003,326);
24 • insert into CATALOG values(16,'c++ bible',1005,5,1001,2000,526);
25 • insert into CATALOG values(17,'cobol handbook',1005,4,1001,2000,628);
26 • insert into CATEGORY values(1001,'computer science');
27 • insert into CATEGORY values(1002,'algorithm design');
```



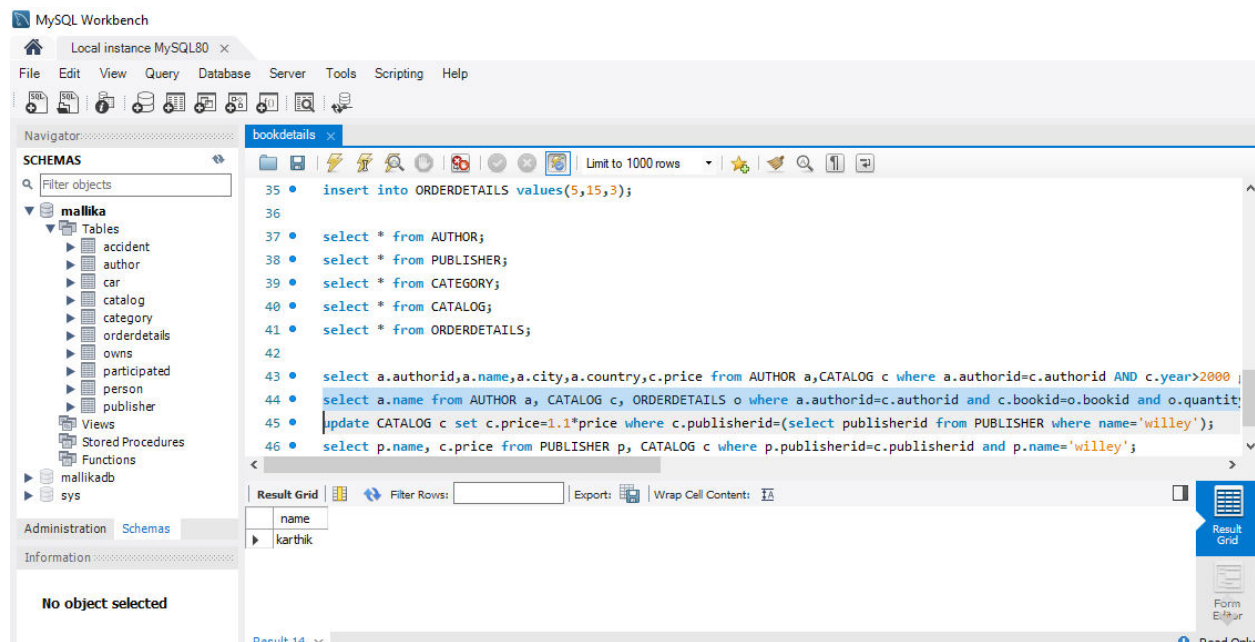
The screenshot shows the MySQL Workbench interface with the 'bookdetails' database selected. The left sidebar displays the 'SCHEMAS' tree with 'malika' expanded, showing tables like 'author', 'publisher', 'catalog', and 'category'. The main editor displays a list of SQL insert and select statements. The statements are as follows:

```
23 • insert into CATALOG values(15,'linux os',1005,5,1005,2003,326);
24 • insert into CATALOG values(16,'c++ bible',1005,5,1001,2000,526);
25 • insert into CATALOG values(17,'cobol handbook',1005,4,1001,2000,628);
26 • insert into CATEGORY values(1001,'computer science');
27 • insert into CATEGORY values(1002,'algorithm design');
28 • insert into CATEGORY values(1003,'electronics');
29 • insert into CATEGORY values(1004,'programming');
30 • insert into CATEGORY values(1005,'operating systems');
31 • insert into ORDERDETAILS values(1,11,5);
32 • insert into ORDERDETAILS values(2,12,8);
33 • insert into ORDERDETAILS values(3,13,15);
34 • insert into ORDERDETAILS values(4,14,22);
35 • insert into ORDERDETAILS values(5,15,3);
36
37 • select * from AUTHOR;
38 • select * from PUBLISHER;
39 • select * from CATEGORY;
40 • select * from CATALOG;
41 • select * from ORDERDETAILS;
```

select a.authorid,a.name,a.city,a.country,c.price from AUTHOR a,CATALOG c where a.authorid=c.authorid AND c.year>2000 group by c.authorid HAVING count(c.authorid)>=2;



select a.name from AUTHOR a, CATALOG c, ORDERDETAILS o where a.authorid=c.authorid and c.bookid=o.bookid and o.quantity=(select max(quantity) from ORDERDETAILS);



update CATALOG c set c.price=1.1*price where c.publisherid=(select publisherid from PUBLISHER where name='willey');

select p.name, c.price from PUBLISHER p, CATALOG c where p.publisherid=c.publisherid and p.name='willey';

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with a database named 'mallika' containing various tables like 'accident', 'author', 'car', 'catalog', 'category', 'orderdetails', 'owns', 'participated', 'person', and 'publisher'. The main editor window shows a SQL script with several queries, including the one being executed. The 'Result Grid' at the bottom displays the output of the last query, showing two rows for the publisher 'willey' with prices 403 and 760.

```
37 • select * from AUTHOR;
38 • select * from PUBLISHER;
39 • select * from CATEGORY;
40 • select * from CATALOG;
41 • select * from ORDERDETAILS;
42
43 • select a.authorid,a.name,a.city,a.country,c.price from AUTHOR a,CATALOG c where a.authorid=c.authorid AND c.year>2000 ;
44 • select a.name from AUTHOR a, CATALOG c, ORDERDETAILS o where a.authorid=c.authorid and c.bookid=o.bookid and o.quantity>0;
45 • update CATALOG c set c.price=1.1*price where c.publisherid=(select publisherid from PUBLISHER where name='willey');
46 • select p.name, c.price from PUBLISHER p, CATALOG c where p.publisherid=c.publisherid and p.name='willey';
47
```

name	price
willey	403
willey	760