

Lab8:-

Tables:-

Book adoption:-

The screenshot shows the MySQL Workbench interface with a query executed in the 'Query 1' tab. The query is:

```
1 • use lab8;  
2 • select* from book_adoption;
```

The 'Result Grid' shows the following data:

course	sem	book_idbn
11	4	1
11	4	2
44	6	3
44	6	4
55	2	5

The 'Output' tab shows the execution log:

#	Time	Action	Message	Duration / Fetch
149	23:27:31	use lab8	0 row(s) affected	0.000 sec
150	23:27:31	select* from book_adoption LIMIT 0, 1000	5 row(s) returned	0.594 sec / 0.000 sec

Course:-

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

145

lab1

lab2

lab3

lab4

lab5

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lab7

lab8

Tables

book_adoption

course

enroll

student

text

Views

Stored Procedures

Functions

It1

sakila

sys

world

Administration Schemas

Information

Schema: lab8

Query 1

```
1. use lab8;
2. select* from course;
```

Result Grid

course	cname	dept
11	DS	CS
22	USP	IS
33	SNIS	EC
44	DEMS	CS
55	EC	TC

course 20

Output

Action Output

#	Time	Action	Message	Duration / Fetch
151	23:28:13	use lab8	0 row(s) affected	0.000 sec
152	23:28:13	select* from course LIMIT 0, 1000	5 row(s) returned	0.110 sec / 0.000 sec

Object Info Session

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

Enroll:-

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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Views

Stored Procedures

Functions

It1

sakila

sys

world

Administration Schemas

Information

Schema: lab8

Query 1

```
1. use lab8;
2. select* from enroll;
```

Result Grid

regno	cname	sem	marks
CS01	11	4	85
IS02	22	6	80
EC03	33	2	80
CS03	44	6	75
TC05	11	4	85

enroll 21

Output

Action Output

#	Time	Action	Message	Duration / Fetch
153	23:28:46	use lab8	0 row(s) affected	0.015 sec
154	23:28:46	select* from enroll LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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

Student:-

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHEMAS

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student
text

Views
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Functions

Administration Schemas

Information

Schema: lab8

Query 1 x

Limit to 1000 rows

```
1 • use lab8;
2 • select* from student;
```

Result Grid

regno	name	major	bdate
CS01	PRANAV	DS	1986-03-12
CS03	ARKA	DBMS	1987-01-01
EC03	SAURAB	SNS	1985-04-17
IS02	PRATEEK	USP	1987-12-23
TC05	PRANSHU	EC	1986-10-06

student 22 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
155	23:29:22	use lab8	0 row(s) affected	0.000 sec
156	23:29:22	select* from student LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

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

Text:-

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

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text

Views
Stored Procedures
Functions

Administration Schemas

Information

Schema: lab8

Query 1 x

Limit to 1000 rows

```
1 • use lab8;
2 • select* from text;
```

Result Grid

book_idbn	book_title	publisher	author
1	DS AND C	PRINCETON	PADMA REDDY
2	FUNDAMENTALS OF DS	SPRINGER	GOODE
3	FUNDAMENTALS OF DBMS	SPRINGER	NAVATHE
4	SQL	PRINCETON	FOLEY
5	ELECTRONIC CIRCUITS	TMH	ELMASRI

text 23 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
157	23:30:07	use lab8	0 row(s) affected	0.000 sec
158	23:30:07	select* from text LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

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

1)

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHEMAS

Filter objects

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book_adoption
course
enroll
student
text

Views
Stored Procedures
Functions

Information
Schema: lab8

Query 1 x

Limit to 1000 rows

```
1 • use lab8;
2 • select* from book_adoption;
```

Result Grid

course	sem	book_isbn
11	4	1
11	4	2
44	6	3
44	6	4
55	2	5
22	6	6

book_adoption24 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
162	23:31:37	use lab8	0 row(s) affected	0.000 sec
163	23:31:37	select* from book_adoption LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

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

2)

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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Tables
book_adoption
course
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student
text

Views
Stored Procedures
Functions

Information
Schema: lab8

Query 1 x

Limit to 1000 rows

```
1 • use lab8;
2 • select b.book_isbn from book_adoption b where b.course in (select c.course from course c where c.dept="CS") and (select count(*) from book_adoption);
3 • insert into course values(66,"OS","CS");
4 • insert into text values(7,"OPERATING SYSTEM","MC GRAW","ABRAHAM SILBERSCHATZ");
5 • insert into book_adoption values(66, 6 ,7);
```

Result Grid

book_isbn
1
2
3
4

book_adoption25 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
167	23:32:24	insert into text values(7,"OPERATING SYSTEM","MC GRAW","ABRAHAM SILBERSCHATZ")	1 row(s) affected	0.109 sec
168	23:32:24	insert into book_adoption values(66, 6 ,7)	1 row(s) affected	0.125 sec

Object Info Session

SQLAdditions

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

3)

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator Query 1 x

Limit to 1000 rows

1

2 `ublisher="SPRINGER") not in (select b.book_isbn from book_adoption b where b.course in (select ce.course from course ce where ce.dept=c.dept));`

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

Result Grid

dept

CS

course 26 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 169	23:33:16	use lab8	0 row(s) affected	0.000 sec
✓ 170	23:33:16	select distinct c.dept from course c where not exists (select t.book_isbn from text t where t.publisher="SPRING...	1 row(s) returned	0.109 sec / 0.000 sec

Object Info Session