

MySQL Workbench

MySql@127.0.0.1:3306

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- banking
- book\_dealer
- insurance
- order\_processing
- sys

Query 1

```
39 * insert into book_adoption values('11','4','1');
40 * insert into book_adoption values('11','4','2');
41 * insert into book_adoption values('44','6','3');
42 * insert into book_adoption values('44','6','4');
43 * insert into book_adoption values('55','2','5');
44 * insert into book_adoption values('22','6','6');
45 * commit;
46 * select*from book_adoption;
47
```

Result Grid

	courseno	sem	book_idbn
▶	11	4	1
	11	4	2
	22	6	6
	44	6	3
	44	6	4
	55	2	5
▶	22	6	6

Administration Schemas Information

No object selected

book\_adoption 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
39	11:54:00	insert into book_adoption values('44','6','3')	1 row(s) affected	0.000 sec
40	11:54:00	insert into book_adoption values('44','6','4')	1 row(s) affected	0.000 sec
41	11:54:00	insert into book_adoption values('55','2','5')	1 row(s) affected	0.000 sec
42	11:54:00	insert into book_adoption values('22','6','6')	1 row(s) affected	0.000 sec
43	11:54:00	commit	0 row(s) affected	0.000 sec
44	11:54:10	select from book_adoption LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

11:55 02-06-2021

MySQL Workbench

Navigator: Query 1

Schemas: banking, book\_dealer, insurance, order\_processing, sys

```

45 commit;
46 select * from book_adoption;
47
48 insert into text values('7','C PROGRAMMING','TMH','THAREJA');
49 insert into book_adoption values('55','2','7');
50 insert into book_adoption values('11','4','3');
51
52 select c.courseno,t.book_isbn,t.book_title from course c,book_adoption ba,text t where c.courseno=ba.courseno and ba.book_isbn=t.book_isbn and c.dept='CS'
53 and 2<(select count(book_isbn) from book_adoption b where c.courseno=b.courseno) order by t.book_title;

```

Result Grid

courseno	book_isbn	book_title
11	1	DS AND C REDDY
11	3	FUNDAMENTALS OF DBMS
11	2	FUNDAMENTALS OF DS

Output

Action Output

#	Time	Action	Message	Duration / Fetch
43	11:54:00	commit	0 row(s) affected	0.000 sec
44	11:54:10	select from book_adoption LIMIT 0. 1000	6 row(s) returned	0.000 sec / 0.000 sec
45	11:55:25	insert into text values('7','C PROGRAMMING','TMH','THAREJA')	1 row(s) affected	0.000 sec
46	11:55:25	insert into book_adoption values('55','2','7')	1 row(s) affected	0.015 sec
47	11:55:25	insert into book_adoption values('11','4','3')	1 row(s) affected	0.000 sec
48	11:55:32	select c.courseno,t.book_isbn,t.book_title from course c,book_adoption ba,text t where c.courseno=ba.courseno...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Navigator: Query 1

Schemas: banking, book\_dealer, insurance, order\_processing, sys

```

49 insert into book_adoption values('55','2','7');
50 insert into book_adoption values('11','4','3');
51
52 select c.courseno,t.book_isbn,t.book_title from course c,book_adoption ba,text t where c.courseno=ba.courseno and ba.book_isbn=t.book_isbn and c.dept='CS'
53 and 2<(select count(book_isbn) from book_adoption b where c.courseno=b.courseno) order by t.book_title;
54
55 select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b,text t where c.courseno=b.courseno
56 and t.book_isbn=b.book_isbn and t.publisher='PRINCETON')
57 and c.dept not in(select c.dept from course c,book_adoption b,text t where c.courseno=b.courseno and t.book_isbn=b.book_isbn and t.publisher='PRINCETON');

```

Result Grid

dept
CS

Output

course 7

Action Output

#	Time	Action	Message	Duration / Fetch
44	11:54:10	select from book_adoption LIMIT 0. 1000	6 row(s) returned	0.000 sec / 0.000 sec
45	11:55:25	insert into text values('7','C PROGRAMMING','TMH','THAREJA')	1 row(s) affected	0.000 sec
46	11:55:25	insert into book_adoption values('55','2','7')	1 row(s) affected	0.015 sec
47	11:55:25	insert into book_adoption values('11','4','3')	1 row(s) affected	0.000 sec
48	11:55:32	select c.courseno,t.book_isbn,t.book_title from course c,book_adoption ba,text t where c.courseno=ba.courseno...	3 row(s) returned	0.000 sec / 0.000 sec
49	11:55:49	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b,text t where c.courseno=b.courseno...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

MySql@127.0.0.1:3306

File Edit View Query Database Server Tools Scripting Help

Navigator: book\_adoption course enroll student text **student\_enroll**

SCHEMAS

Filter objects

banking  
book\_dealer  
insurance  
order\_processing  
**student\_enroll**  
Tables  
book\_adoption  
course  
enroll  
student  
text  
Views  
Stored Procedures  
Functions  
sys

Administration Schemas

Information

Schema: student\_enroll

Info Tables Columns Indexes Triggers Views Stored Procedures Functions Grants Events

Name	Engine	Version	Row Format	Rows	Avg Row Length	Data Length	Max Data Length	Index Length	Data Free	Auto Incre...	Create Time	Update Time
book_adoption	InnoDB	10	Dynamic	8	3246	16.0 KB	0.0 bytes	16.0 KB	0.0 bytes	0	2021-06-02 11:57:38	2021-06-02 11:57:38
course	InnoDB	10	Dynamic	5	3276	16.0 KB	0.0 bytes	16.0 KB	0.0 bytes	0	2021-06-02 11:57:38	2021-06-02 11:57:38
enroll	InnoDB	10	Dynamic	5	3276	16.0 KB	0.0 bytes	16.0 KB	0.0 bytes	0	2021-06-02 11:57:38	2021-06-02 11:57:38
student	InnoDB	10	Dynamic	5	3276	16.0 KB	0.0 bytes	16.0 KB	0.0 bytes	0	2021-06-02 11:57:38	2021-06-02 11:57:38
text	InnoDB	10	Dynamic	7	2340	16.0 KB	0.0 bytes	16.0 KB	0.0 bytes	0	2021-06-02 11:57:38	2021-06-02 11:57:38

Count: 5 Maintenance > Inspect Table Refresh

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enroll,book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enroll, course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enroll, enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enroll, student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enroll, text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

1158 02-06-2021

MySQL Workbench

MySql@127.0.0.1:3306

File Edit View Query Database Server Tools Scripting Help

Navigator: book\_adoption course enroll student text **student\_enroll**

SCHEMAS

Filter objects

banking  
book\_dealer  
insurance  
order\_processing  
**student\_enroll**  
Tables  
book\_adoption  
course  
enroll  
student  
text  
Views  
Stored Procedures  
Functions  
sys

Administration Schemas

Information

Schema: student\_enroll

Info Tables Columns Indexes Triggers Views Stored Procedures Functions Grants Events

Table	Column	Type	Default Value	Nullable	Character Set	Collation	Privileges	Extra	Comments
book_adoption	courseno	int		NO			select,insert,update,references		
book_adoption	sem	int		YES			select,insert,update,references		
book_adoption	book_isbn	int		NO			select,insert,update,references		
course	courseno	int		NO	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
course	name	varchar(20)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
course	dept	varchar(20)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
enroll	regno	varchar(20)		NO	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
enroll	courseno	int		NO	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
enroll	sem	int		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
enroll	marks	int		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
student	regno	varchar(20)		NO	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
student	name	varchar(50)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
student	major	varchar(20)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
student	birthdate	date		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
text	book_isbn	int		NO	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
text	book_title	varchar(50)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
text	publisher	varchar(50)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		
text	author	varchar(50)		YES	utf8mb4	utf8mb4_0900_...	select,insert,update,references		

Count: 18 Refresh

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enroll,book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enroll, course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enroll, enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enroll, student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enroll, text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

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File Edit View Query Database Server Tools Scripting Help

Navigator:

Schemas

Filter objects

banking

book\_dealer

insurance

order\_processing

student\_enrol

Tables

book\_adoption

course

enroll

student

text

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Schema: student\_enrol

book\_adoption

1 \* SELECT \* FROM student\_enrol.book\_adoption;

Result Grid

courseno	sem	book_idbn
11	4	1
11	4	2
11	4	3
22	6	6
44	6	3
44	6	4
55	2	5
55	2	7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enrol.book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enrol.course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enrol.enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enrol.student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enrol.text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

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Navigator:

Schemas

Filter objects

banking

book\_dealer

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student\_enrol

Tables

book\_adoption

course

enroll

student

text

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Schema: student\_enrol

course

1 \* SELECT \* FROM student\_enrol.course;

Result Grid

courseno	cname	dept
11	DS	CS
22	USP	IS
33	SHS	EC
44	DBMS	CS
55	EC	TC

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enrol.book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enrol.course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
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144	11:57:51	SELECT * FROM student_enrol.student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enrol.text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

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11:58 02-06-2021

MySQL Workbench

Navigator:

Schemas

Filter objects

banking

book\_dealer

insurance

order\_processing

student\_enrol

Tables

book\_adoption

course

enroll

student

text

Views

Stored Procedures

Functions

sys

Administration

Schemas

Information

Schema: student\_enrol

1 \* SELECT \* FROM student\_enrol.enroll;

Result Grid

regno	courseno	sem	marks
CS01	11	4	85
CS03	44	6	75
EC03	33	2	80
IS02	22	6	80
TC05	55	2	56

enroll 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enrol,book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enrol, course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enrol, enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enrol, student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enrol, text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

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11:58 02-06-2021

MySQL Workbench

Navigator:

Schemas

Filter objects

banking

book\_dealer

insurance

order\_processing

student\_enrol

Tables

book\_adoption

course

enroll

student

text

Views

Stored Procedures

Functions

sys

Administration

Schemas

Information

Schema: student\_enrol

1 \* SELECT \* FROM student\_enrol.student;

Result Grid

regno	name	major	bdate
CS01	RAM	DS	1986-03-12
CS03	SNETHA	DBMS	1987-01-01
EC03	AHMED	SHS	1985-04-17
IS02	SMITH	USP	1987-12-23
TC05	AKHILA	EC	1986-10-06

student 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b, text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enrol,book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enrol, course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enrol, enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enrol, student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enrol, text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

Type here to search

11:59 02-06-2021

MySQL Workbench

MySql@127.0.0.1:3306

File Edit View Query Database Server Tools Scripting Help

Navigator

book\_adoption course enroll student text

Limit to 1000 rows

1 • `SELECT * FROM student_enrol;text;`

Result Grid

	book_isbn	book_title	publisher	author
1		DS AND C REDDY	PRINCETON	PADMA
2		FUNDAMENTALS OF DS	PRINCETON	GODSE
3		FUNDAMENTALS OF DBMS	PRINCETON	NAVATHE
4		SQL	PRINCETON	POLEY
5		ELECTRONICS CIRCUITS	TMH	ELMASRI
6		ADV UNIX PROG	TMH	STEVENS
7		C PROGRAMMING	TMH	THAREJA

Schema: student\_enrol

text 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
140	11:57:39	select distinct c.dept from course c where c.dept in(select c.dept from course c,book_adoption b;text t where c...	1 row(s) returned	0.000 sec / 0.000 sec
141	11:57:47	SELECT * FROM student_enrol;book_adoption LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
142	11:57:49	SELECT * FROM student_enrol;course LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
143	11:57:50	SELECT * FROM student_enrol;enroll LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
144	11:57:51	SELECT * FROM student_enrol;student LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
145	11:57:53	SELECT * FROM student_enrol;text LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

11:59 02-06-2021