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CS 355

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1.

The screenshot shows the MySQL Workbench interface. The 'Query Editor' window contains the following SQL query:

```
select distinct reviewer.name from reviewer join rating join movie on reviewer.rid=rating.rid and rating.mid=movie.mid
where movie.title = 'Gone With The Wind';
```

The 'Result Grid' shows the following results:

name
Sarah Martinez
Mike Anderson

The 'Output' window shows the following messages:

#	Time	Action	Message	Duration / Fetch
3	11:00:57	select distinct reviewer.name from reviewer join rating join movie on reviewer.rid=rating.it...	2 row(s) returned	0.000 sec / 0.000 sec
4	11:02:11	select distinct reviewer.name from reviewer join rating join movie on reviewer.rid=rating.it...	2 row(s) returned	0.000 sec / 0.000 sec

2.

MySQL Workbench

Local instance MySQL Router

File Edit View Query Database Server Tools Scripting Help

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Information

No object selected

Object Info Session

Query 1

```

1 select reviewer.name, movie.title, rating.stars from reviewer join rating join movie on reviewer.rid=rating.rid and rating.mid=movie.mid
2 where reviewer.name=movie.director;

```

Result Grid

	name	title	stars
▶	James Cameron	Avatar	5

Result 6

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	11:08:01	select movie title, movie director, rating.stars from reviewer join rating join movie on reviewer.rid=rating.rid and rating.mid=movie.mid	1 row(s) returned	0.000 sec / 0.000 sec
6	11:09:14	select reviewer.name, movie title, rating.stars from reviewer join rating join movie on reviewer.rid=rating.rid and rating.mid=movie.mid	1 row(s) returned	0.000 sec / 0.000 sec

3.

MySQL Workbench

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Information

No object selected

Object Info Session

Query 1

```

1 select name from reviewer union select title from movie order by name;

```

Result Grid

name
Ashley White
Avatar
Brittany Harris
Chris Jackson
Daniel Lewis
E.T.
Elizabeth Thomas
Gone with the Wind
James Cameron
Mike Anderson
Raiders of the Lost...
Sarah Martinez
Snow White

Result 72

Output

Action Output

#	Time	Action	Message	Duration / Fetch
95	21:02:14	select name from reviewer union se...	Error Code: 1054. Unknown column 'title' in 'order clause'	0.000 sec
96	21:02:20	select name from reviewer union se...	16 row(s) returned	0.000 sec / 0.000 sec

4.

MySQL Workbench

Local instance MySQL Router

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Navigator

Query 1

```
select movie.title from movie where mid not in (select rating.mid from rating join reviewer using (rid) where reviewer.name = 'Chris Jackson')
```

Result Grid

	title
1	Gone with the Wind
2	Star Wars
3	Titanic
	Snow White
	Avatar

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	18:33:35	select movie title from movie where mid in (select rating.mid from rating join reviewer usi...	3 row(s) returned	0.000 sec / 0.000 sec
15	18:33:50	select movie title from movie where mid not in (select rating.mid from rating join reviewer...	5 row(s) returned	0.000 sec / 0.000 sec

5.

MySQL Workbench

Local instance MySQL Router

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Navigator

Query 1

```
select distinct multi1.name, multi2.name
from rating as Rev1, rating as Rev2, reviewer as multi1, reviewer as multi2 where Rev1.mid = Rev2.mid and Rev1.rid = multi1.rid
and Rev2.rid = multi2.rid and multi1.name < multi2.name order by multi1.name, multi2.name;
```

Result Grid

name	name
Ashley White	Chris Jackson
Brittany Harris	Chris Jackson
Daniel Lewis	Elizabeth Thomas
Elizabeth Thomas	James Cameron
Mike Anderson	Sarah Martinez

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	15:36:29	select distinct multi1.name, multi2.name from rating as Rev1, rating as Rev2, review...	5 row(s) returned	0.000 sec / 0.000 sec

6.

MySQL Workbench

Local instance MySQL Router x

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Query 1

```
1 select reviewer.name, movie.title, rating.stars from reviewer join rating join movie on
2 reviewer.rid=rating.rid and movie.mid=rating.mid where stars in (select min(stars) from rating);
3
```

Result Grid

name	title	stars
Sarah Martinez	Gone with the Wind	2
Brittany Harris	The Sound of Music	2
Brittany Harris	Raiders of the Lost Ark	2
Chris Jackson	E.T.	2

Result 82 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
112	21:18:13	and	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right sy...	0.000 sec
113	21:18:26	select reviewer.name, movie.title, r...	4 row(s) returned	0.000 sec / 0.000 sec