

// Student faculty

Tables

The screenshot shows the phpMyAdmin interface with the 'class' table selected in the 'student faculty' database. The table structure is as follows:

name	meets at	room	fid
class1	10:15:15.000000	r1	14
class10	10:15:15.000000	r15	14
class2	10:15:18.000000	r2	12
class6	13:15:15.000000	r2	14
class3	10:15:25.000000	r3	11
class5	20:15:15.000000	r3	15
class7	10:10:15.000000	r3	14
class4	20:15:15.000000	r4	14

The screenshot shows the phpMyAdmin interface with the 'enrolled' table selected in the 'student faculty' database. The table structure is as follows:

snum	cname
1	class1
2	class1
3	class3
4	class3
5	class4
6	class5
7	class5
8	class5

localhost/phpmyadmin/sql.php?server=1&db=student+faculty&table=faculty&pos=0

phpMyAdmin

Server: 127.0.0.1 » Database: student faculty » Table: faculty

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

SELECT * FROM `faculty`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

fid	fname	deptid
11	khushala	1000
12	kavitha	1000
13	reddy	1001
14	mohini	1002
15	satchi	1000

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console

localhost/phpmyadmin/sql.php?db=student+faculty&table=student&pos=0

phpMyAdmin

Server: 127.0.0.1 » Database: student faculty » Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

SELECT * FROM `student`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

snum	sname	major	level	age
1	sam	cs	sr	21
2	shiv	cs	jr	19
3	rohan	cv	sr	20
4	rahul	cs	jr	18
5	nagesh	cs	jr	19
6	latha	cs	sr	21

☐ Show all | Number of rows: 25 | Filter rows: Search this table

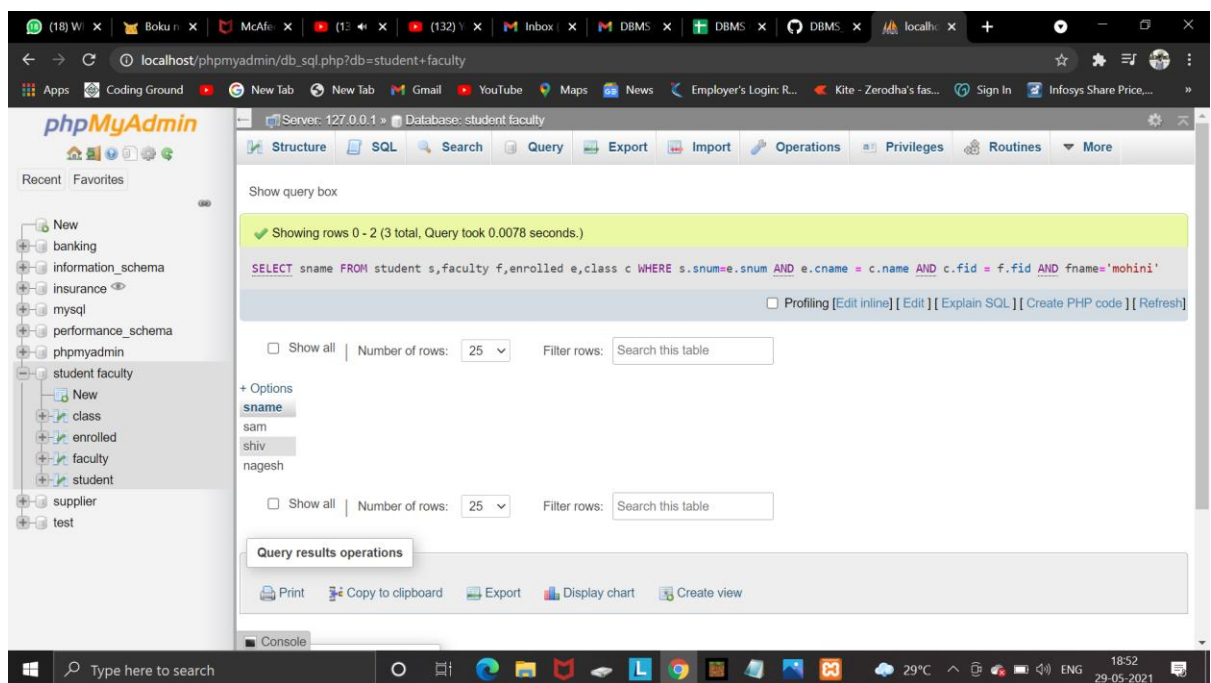
Query results operations

Print Copy to clipboard Export Display chart Create view

Console mark this SQL query

// QUERY's

- i. Find the names of all Juniors (level = JR) who are enrolled in a class taught by
 - ii. Find the names of all classes that either meet in room R128 or have five or more Students enrolled.
 - iii. Find the names of all students who are enrolled in two classes that meet at the same time.
 - iv. Find the names of faculty members who teach in every room in which some class is taught.
 - v. Find the names of faculty members for whom the combined enrolment of the courses that they teach is less than five.
 - vi. Find the names of students who are not enrolled in any class.
 - vii. For each age value that appears in Students, find the level value that appears most often.
- For example, if there are more FR level students aged 18 than SR, JR, or SO students aged 18, you should print the pair (18, FR).



localhost/phpmyadmin/db_sql.php?db=student+faculty

Server: 127.0.0.1 » Database: student faculty » Table: class

Recent Favorites

- New
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- insurance
- mysql
- performance_schema
- phpmyadmin
- student faculty
 - New
 - class
 - enrolled
 - faculty
 - student
 - supplier
 - test

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 2 (3 total, Query took 0.0108 seconds.)

```
SELECT name from class c WHERE room='r3' OR c.name IN(SELECT cname from enrolled e GROUP BY e.cname HAVING COUNT(*)>=3)
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

name
class3
class5
class7

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Console Copy to clipboard Export Display chart Create view

Type here to search 29°C 19:10 29-05-2021

localhost/phpmyadmin/db_sql.php?db=student+faculty

Structure SQL Search Query Export Import Operations Privileges Routines Events

Run SQL query/queries on database student faculty:

```
1 SELECT DISTINCT S.sname
2 FROM student S
3 WHERE S.snum IN (SELECT E1.snum,meets at
4 FROM enrolled E1, enrolled E2,class C1,class C2
5 WHERE E1.snum = E2.snum AND E1.cname <> E2.cname
6 AND E1.cname = C1.name
7 AND E2.cname = C2.name AND C1.meets at =C2.meets at);
8
```

Clear Format Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

Type here to search 28°C 19:49 29-05-2021

localhost/phpmyadmin/db_sql.php?db=student+faculty

Server: 127.0.0.1 » Database: student faculty » Table: student

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0050 seconds.)

```
SELECT DISTINCT S.sname FROM student S WHERE S.snum NOT IN (SELECT E.snum FROM enrolled E)
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

sname

Query results operations

Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Console

localhost/phpmyadmin/db_sql.php?db=student+faculty

Server: 127.0.0.1 » Database: student faculty » Table: faculty

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0045 seconds.)

```
SELECT DISTINCT fname FROM faculty F WHERE 2 > (SELECT COUNT(E.snum) FROM class C, enrolled E WHERE C.name = E.cname AND C.fid = F.fid)
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

fname

kavitha

reddy

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

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Console

localhost/phpmyadmin/db_sql.php?db=student+faculty

Server: 127.0.0.1 » Database: student faculty » Table: student

Recent Favorites

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- insurance
- mysql
- performance_schema
- phpmyadmin
- student faculty
 - New
 - class
 - enrolled
 - faculty
 - student
- supplier
- test

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 3 (4 total, Query took 0.0227 seconds.)

```
SELECT S.age, S.level FROM student S GROUP BY S.age, S.level HAVING S.level IN (SELECT S1.level FROM student S1 WHERE S1.age = S.age GROUP BY S1.level, S1.age HAVING COUNT(*) >= ALL (SELECT COUNT(*) FROM student S2 WHERE S1.age = S2.age GROUP BY S2.level, S2.age))
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

age	level
18	jr
19	jr
20	sr
21	sr

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Console sufts operations

Type here to search

27°C 20:41 29-05-2021