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Tables

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Views

book_dealer_134

flights

forgot_password

information_schema

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order

performance_schema

phpmyadmin

student faculty database

stud_enrollment_134

supplier database

Show query box

✓ Showing rows 0 - 1 (2 total, Query took 0.0135 seconds.)

```
SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='A'
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]☐ Show all

Number of rows: 25

Filter rows:

+ Options

USN	SNAME	ADDRESS	PHONE	GENDER	SEM	SEC
1RN15CS011	AJAY	TUMKUR	1232654578	M	4	A
1RN15CS029	CHITRA	DAVANGERE	1232654578	F	4	A

☐ Show all

Number of rows: 25

Filter rows:

Query results operations



Print



Copy to clipboard



Export



Display chart



Create view



Bookmark this SQL query

Label: 

Let every user access this bookmark

Bookmark this SQL query

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> class		9	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> iamarks		5	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> semsec		24	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> student		14	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> subject		9	InnoDB	utf8mb4_general_ci	16.0 KiB	-
5 tables	Sum	61	InnoDB	utf8mb4_general_ci	128.0 KiB	0 B

☐ Check all

With selected:



Print



Data dictionary

Create table

Name:

Number of columns:

4

Go



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- supplier database

Server: 127.0.0.1 Database: college_134

Structure
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Show query box

Showing rows 0 - 7 (8 total, Query took 0.0158 seconds.)


```
SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC, S.GENDER ORDER BY SEM
```

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

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

+ Options

SEM	SEC	GENDER	COUNT
4	A	F	1
4	A	M	1
7	A	F	1
7	A	M	2
8	A	F	1
8	A	M	1
8	B	F	1
8	C	F	1

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

Query results operations

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Server: 127.0.0.1 > Database: college_134 > View: STU_TEST1_MARKS_VIEW

Browse

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Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0659 seconds.)

CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091'

[Edit inline] [Edit] [Create PHP code]

⚠ Current selection does not contain a unique column. Grid edit, Edit, Copy and Delete features may result in undesired behavior. ⓘ

✓ Showing rows 0 - 4 (5 total, Query took 0.0070 seconds.)

select * from STU_TEST1_MARKS_VIEW

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

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

+ Options

← T →

				TEST1	SUBCODE
<input type="checkbox"/>	Edit	Copy	Delete	15	10CS81
<input type="checkbox"/>	Edit	Copy	Delete	12	10CS82
<input type="checkbox"/>	Edit	Copy	Delete	19	10CS83
<input type="checkbox"/>	Edit	Copy	Delete	20	10CS84
<input type="checkbox"/>	Edit	Copy	Delete	15	10CS85

☐ Check all | With selected: Edit Copy Delete Export



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Server: 127.0.0.1 Database: college_134 Table: STUDENT

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✓ Showing rows 0 - 4 (5 total, Query took 0.0216 seconds.)

```
SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER, (CASE WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING' WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE' ELSE 'WEAK' END) AS CAT FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB WHERE S.USN = IA.USN AND SS.SSID = IA.SSID AND SUB.SUBCODE = IA.SUBCODE AND SUB.SEM = 8
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)☐ Show all | Number of rows: 25 | Filter rows:

+ Options

				USN	SNAME	ADDRESS	PHONE	GENDER	CAT
<input type="checkbox"/>				1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
<input type="checkbox"/>				1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
<input type="checkbox"/>				1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
<input type="checkbox"/>				1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
<input type="checkbox"/>				1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK

☐ Check all | With selected: ☐ Show all | Number of rows: 25 | Filter rows:

Query results operations

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```
create database college_134;
use college_134;
-- drop database college_134;
CREATE TABLE STUDENT (
USN VARCHAR (10) PRIMARY KEY,
SNAME VARCHAR (25),
ADDRESS VARCHAR (25),
PHONE INT ,
GENDER CHAR (1));
```

```
CREATE TABLE SEMSEC (
SSID VARCHAR (5) PRIMARY KEY,
SEM INT ,
SEC CHAR (1));
```

```
CREATE TABLE CLASS (
USN VARCHAR (10),
SSID VARCHAR (5),
PRIMARY KEY (USN, SSID),
FOREIGN KEY (USN) REFERENCES STUDENT (USN),
FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));
```

```
CREATE TABLE SUBJECT (
SUBCODE VARCHAR (8),
TITLE VARCHAR (20),
SEM INT,
CREDITS INT,
PRIMARY KEY (SUBCODE));
```

```
CREATE TABLE IAMARKS (
USN VARCHAR (10),
SUBCODE VARCHAR (8),
SSID VARCHAR (5),
TEST1 INT,
TEST2 INT,
TEST3 INT,
```



```
FINALIA INT,  
PRIMARY KEY (USN, SUBCODE, SSID),  
FOREIGN KEY (USN) REFERENCES STUDENT (USN),  
FOREIGN KEY (SUBCODE) REFERENCES SUBJECT (SUBCODE),  
FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));
```

```
INSERT INTO STUDENT VALUES ('1RN13CS020', 'AKSHAY', 'BELAGAVI', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN13CS062', 'SANDHYA', 'BENGALURU', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN13CS091', 'TEESHA', 'BENGALURU', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN13CS066', 'SUPRIYA', 'MANGALURU', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN14CS010', 'ABHAY', 'BENGALURU', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN14CS032', 'BHASKAR', 'BENGALURU', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN14CS025', 'ASMI', 'BENGALURU', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN15CS011', 'AJAY', 'TUMKUR', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN15CS029', 'CHITRA', 'DAVANGERE', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN15CS045', 'JEEVA', 'BELLARY', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN15CS091', 'SANTOSH', 'MANGALURU', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN16CS045', 'ISMAIL', 'KALBURGI', 1232654578, 'M');  
INSERT INTO STUDENT VALUES ('1RN16CS088', 'SAMEERA', 'SHIMOGA', 1232654578, 'F');  
INSERT INTO STUDENT VALUES ('1RN16CS122', 'VINAYAKA', 'CHIKAMAGALUR', 1232654578, 'M');
```

```
INSERT INTO SEMSEC VALUES ('CSE8A', 8, 'A');  
INSERT INTO SEMSEC VALUES ('CSE8B', 8, 'B');  
INSERT INTO SEMSEC VALUES ('CSE8C', 8, 'C');  
INSERT INTO SEMSEC VALUES ('CSE7A', 7, 'A');  
INSERT INTO SEMSEC VALUES ('CSE7B', 7, 'B');  
INSERT INTO SEMSEC VALUES ('CSE7C', 7, 'C');  
INSERT INTO SEMSEC VALUES ('CSE6A', 6, 'A');  
INSERT INTO SEMSEC VALUES ('CSE6B', 6, 'B');  
INSERT INTO SEMSEC VALUES ('CSE6C', 6, 'C');  
INSERT INTO SEMSEC VALUES ('CSE5A', 5, 'A');  
INSERT INTO SEMSEC VALUES ('CSE5B', 5, 'B');  
INSERT INTO SEMSEC VALUES ('CSE5C', 5, 'C');  
INSERT INTO SEMSEC VALUES ('CSE4A', 4, 'A');
```



```
INSERT INTO SEMSEC VALUES ('CSE4B', 4, 'B');
INSERT INTO SEMSEC VALUES ('CSE4C', 4, 'C');
INSERT INTO SEMSEC VALUES ('CSE3A', 3, 'A');
INSERT INTO SEMSEC VALUES ('CSE3B', 3, 'B');
INSERT INTO SEMSEC VALUES ('CSE3C', 3, 'C');
INSERT INTO SEMSEC VALUES ('CSE2A', 2, 'A');
INSERT INTO SEMSEC VALUES ('CSE2B', 2, 'B');
INSERT INTO SEMSEC VALUES ('CSE2C', 2, 'C');
INSERT INTO SEMSEC VALUES ('CSE1A', 1, 'A');
INSERT INTO SEMSEC VALUES ('CSE1B', 1, 'B');
INSERT INTO SEMSEC VALUES ('CSE1C', 1, 'C');
```

```
INSERT INTO CLASS VALUES ('1RN13CS020', 'CSE8A');
INSERT INTO CLASS VALUES ('1RN13CS062', 'CSE8A');
INSERT INTO CLASS VALUES ('1RN13CS066', 'CSE8B');
INSERT INTO CLASS VALUES ('1RN13CS091', 'CSE8C');
INSERT INTO CLASS VALUES ('1RN14CS010', 'CSE7A');
INSERT INTO CLASS VALUES ('1RN14CS025', 'CSE7A');
INSERT INTO CLASS VALUES ('1RN14CS032', 'CSE7A');
INSERT INTO CLASS VALUES ('1RN15CS011', 'CSE4A');
INSERT INTO CLASS VALUES ('1RN15CS029', 'CSE4A');
```

```
INSERT INTO SUBJECT VALUES ('10CS81', 'ACA', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS82', 'SSM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS83', 'NM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS84', 'CC', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS85', 'PW', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS71', 'OOAD', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS72', 'ECS', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS73', 'PTW', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS74', 'DWD', 7, 4);
```

```
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS81', 'CSE8C', 15, 16, 18);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS82', 'CSE8C', 12, 19, 14);
```



```
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS81', 'CSE8C', 15, 16, 18);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS82', 'CSE8C', 12, 19, 14);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS83', 'CSE8C', 19, 15, 20);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS84', 'CSE8C', 20, 16, 19);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091', '10CS85', 'CSE8C', 15, 15, 12);
```

```
select * from iamarks;
select * from subject;
select * from student;
select * from semsec;
select * from class;
```

```
/* List all the student details studying in fourth semester 'A' section */
```

```
SELECT S.*, SS.SEM, SS.SEC
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='A';
```

```
/* Compute the total number of male and female students in each semester and in each section */
```

```
SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND
SS.SSID = C.SSID
GROUP BY SS.SEM, SS.SEC, S.GENDER
ORDER BY SEM;
```

```
/* Create a view of Test1 marks of student USN '1BI15CS101' in all subjects */
```

```
CREATE VIEW STU_TEST1_MARKS_VIEW
AS
SELECT TEST1, SUBCODE
FROM IAMARKS
WHERE USN = '1RN13CS091';
select * from STU_TEST1_MARKS_VIEW;
```

```
/* Categorize students based on the following criterion:
```



```
SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND
SS.SSID = C.SSID
GROUP BY SS.SEM, SS.SEC, S.GENDER
ORDER BY SEM;
```

```
/* Create a view of Test1 marks of student USN '1BI15CS101' in all subjects */
```

```
CREATE VIEW STU_TEST1_MARKS_VIEW
AS
SELECT TEST1, SUBCODE
FROM IAMARKS
WHERE USN = '1RN13CS091';
select * from STU_TEST1_MARKS_VIEW;
```

```
/* Categorize students based on the following criterion:
```

```
If FinalIA = 17 to 20 then CAT = 'Outstanding'
```

```
If FinalIA = 12 to 16 then CAT = 'Average'
```

```
If FinalIA < 12 then CAT = 'Weak'
```

```
Give these details only for 8th semester A, B, and C section students */
```

```
update iamarks set finalia=(test1+test2+test2)/3;
```

```
SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER,
(CASE
WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING'
WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE'
ELSE 'WEAK'
END) AS CAT
FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB
WHERE S.USN = IA.USN AND
SS.SSID = IA.SSID AND
SUB.SUBCODE = IA.SUBCODE AND
SUB.SEM = 8;
commit
```