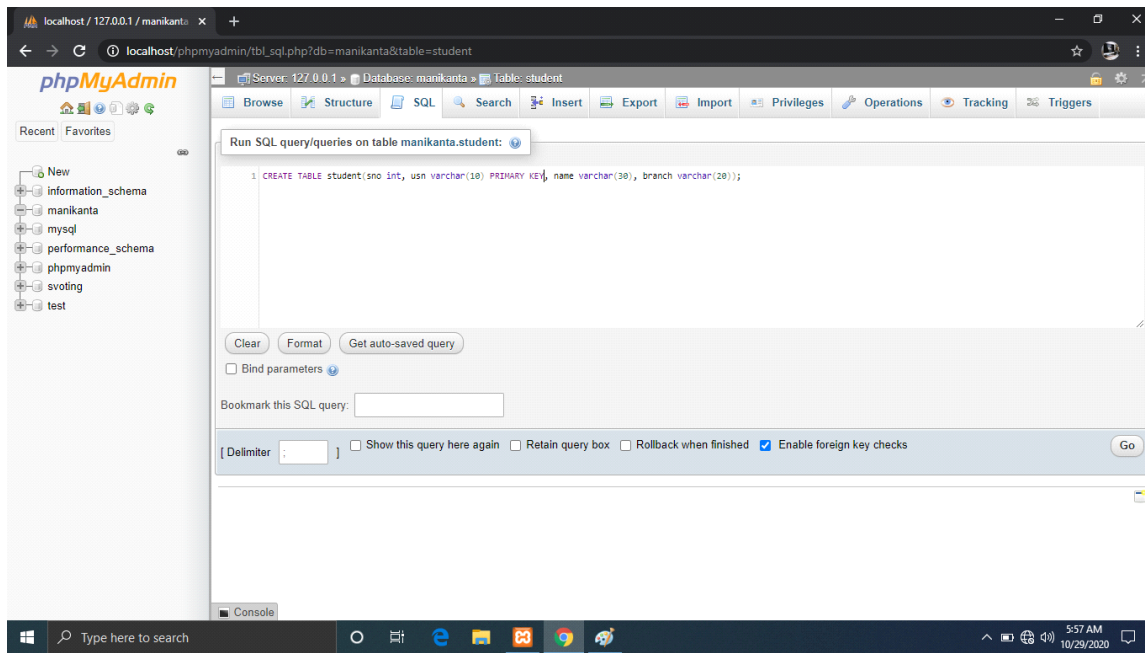
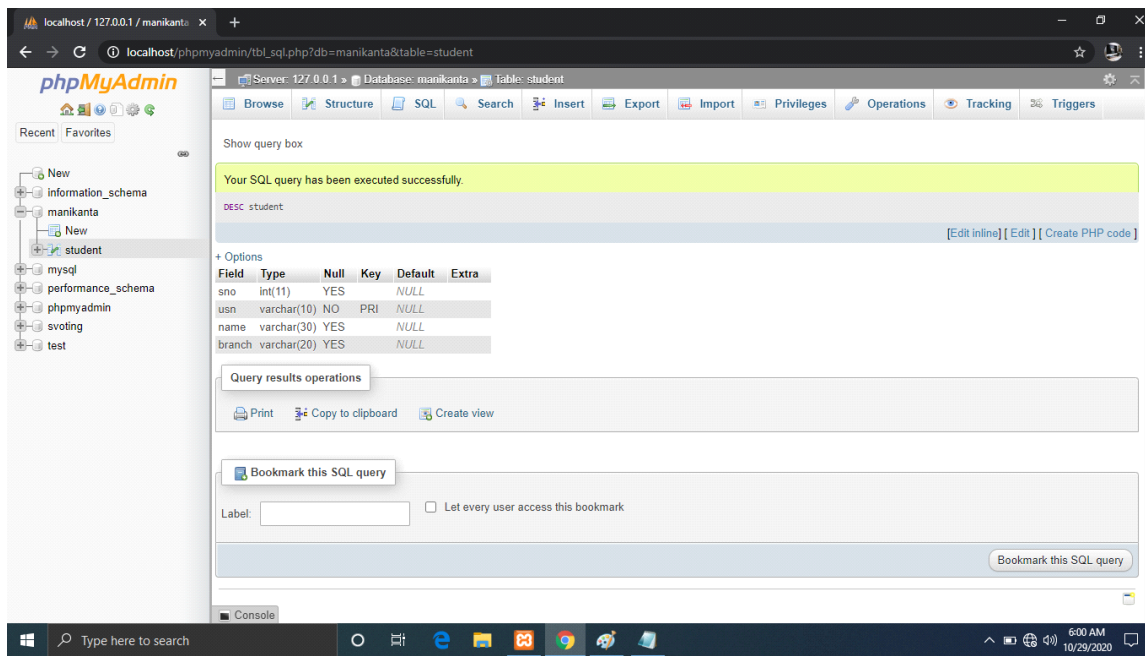


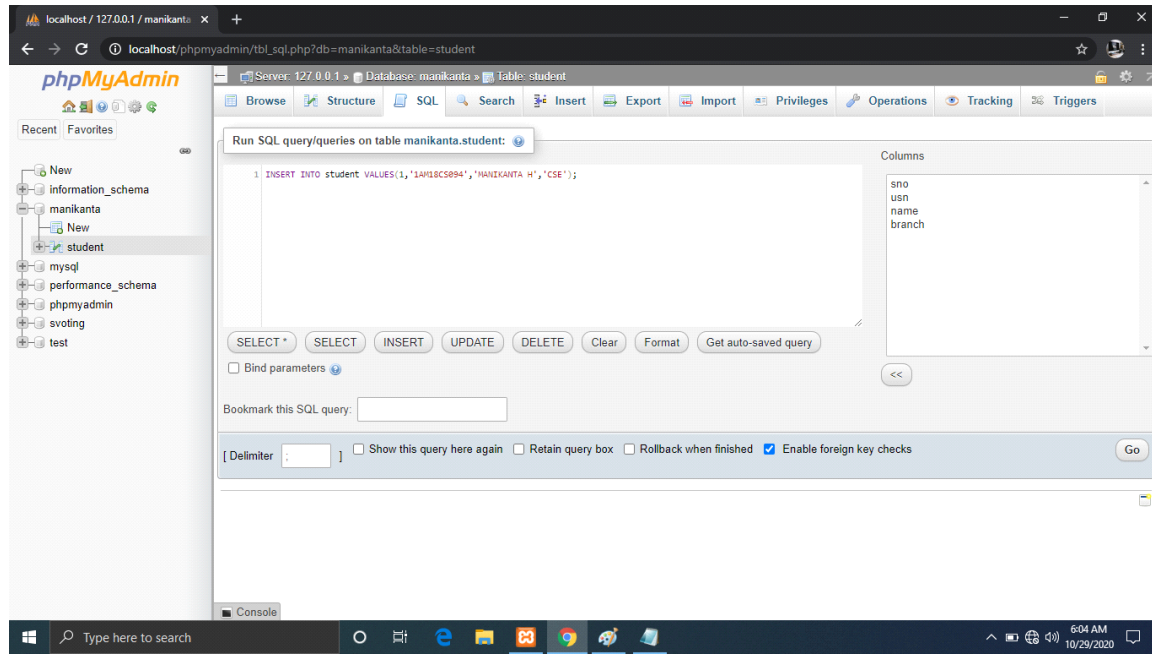
CREATE TABLE student(sno int, usn varchar(10) PRIMARY KEY, name varchar(30), branch varchar(20));



DESC student;



INSERT INTO student VALUES(1,'1AM18CS094','MANIKANTA H','CSE');



INSERT INTO student VALUES(1,'1AM18CS070','Hemanth Kumar','CSE');

INSERT INTO student VALUES(2,'1AM18CS073','Jeevith KS','CSE');

INSERT INTO student VALUES(3,'1AM18CS089','Lokesh K','CSE');

INSERT INTO student VALUES(4,'1AM18CS092','Vittu','CSE');

INSERT INTO student VALUES(5,'1AM18CS094','MANIKANTA H','CSE');

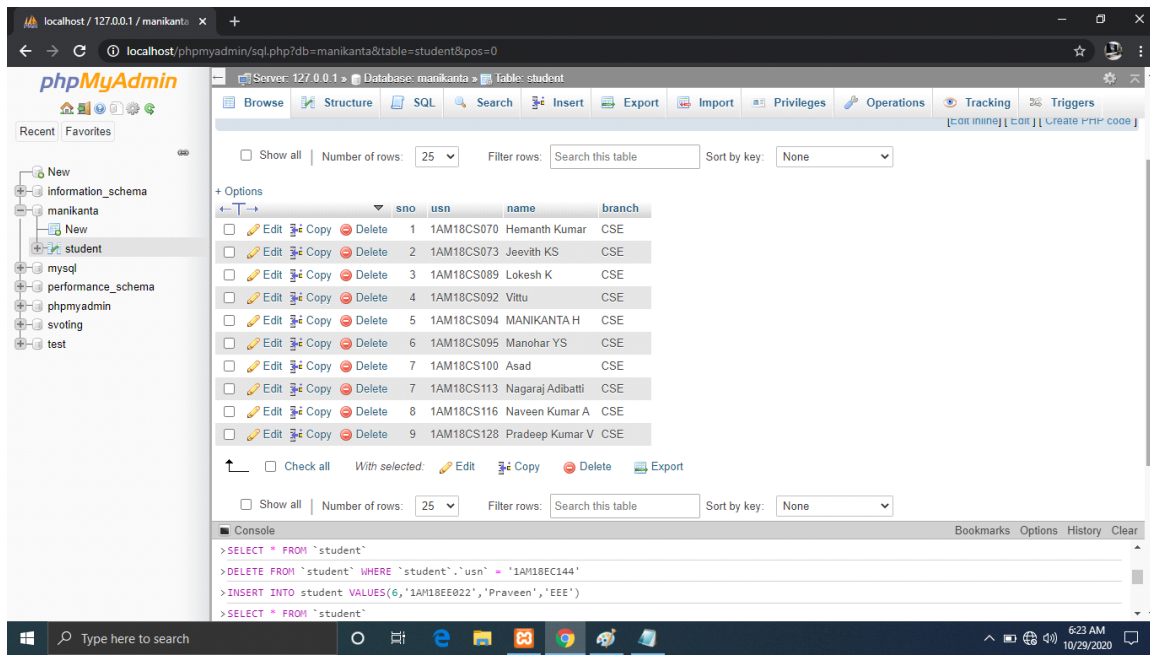
INSERT INTO student VALUES(6,'1AM18CS095','Manohar YS','CSE');

INSERT INTO student VALUES(7,'1AM18CS100','Asad','CSE');

INSERT INTO student VALUES(7,'1AM18CS113','Nagaraj Adibatti','CSE');

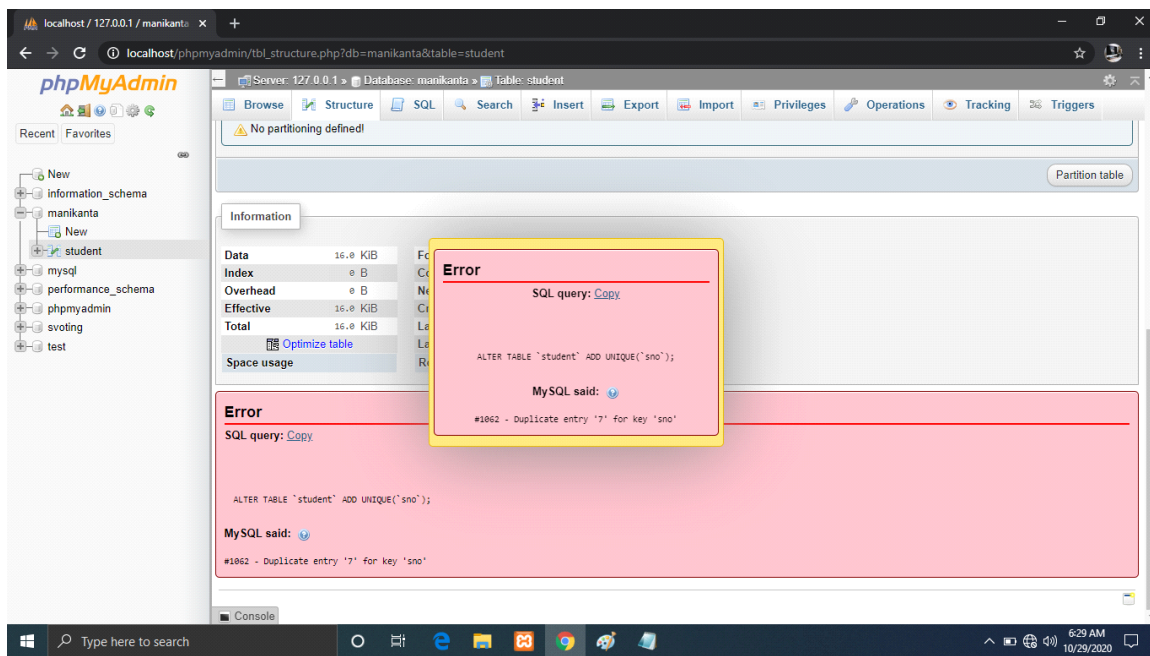
INSERT INTO student VALUES(8,'1AM18CS116','Naveen Kumar K','CSE');

INSERT INTO student VALUES(9,'1AM18CS128','Pradeed Kumar V','CSE');



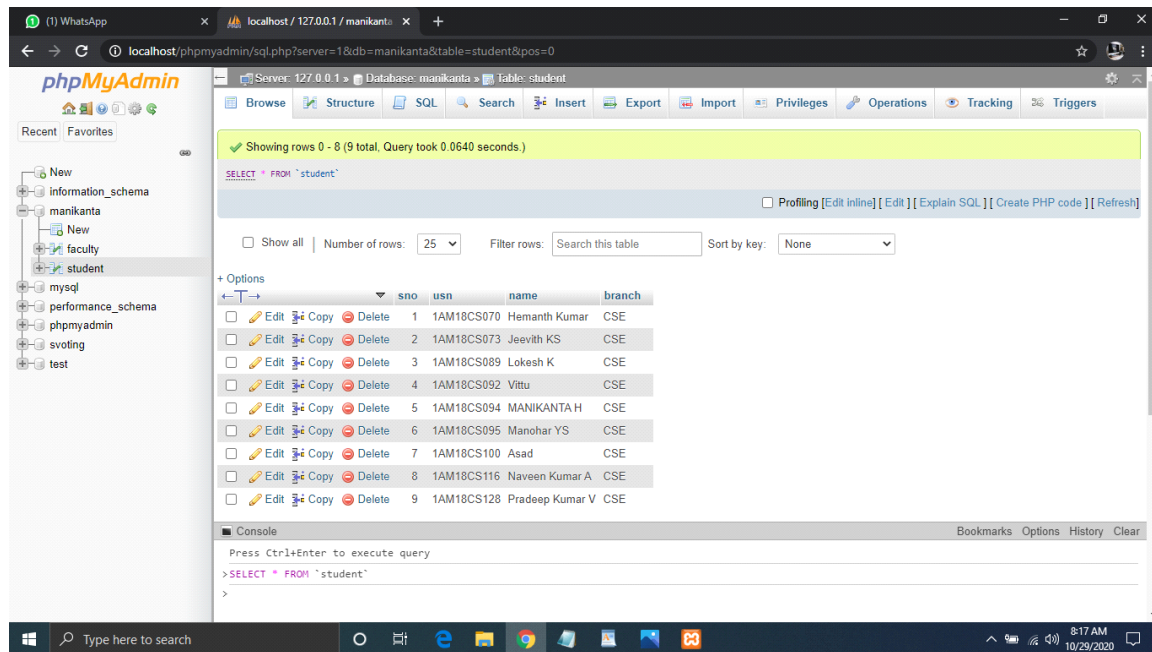
ALTER TABLE student ADD UNIQUE(sno);

Error Because of Duplicate value of sno=7



Now deleted the nagaraj adibatti row for due to the Unique value error

Result is:

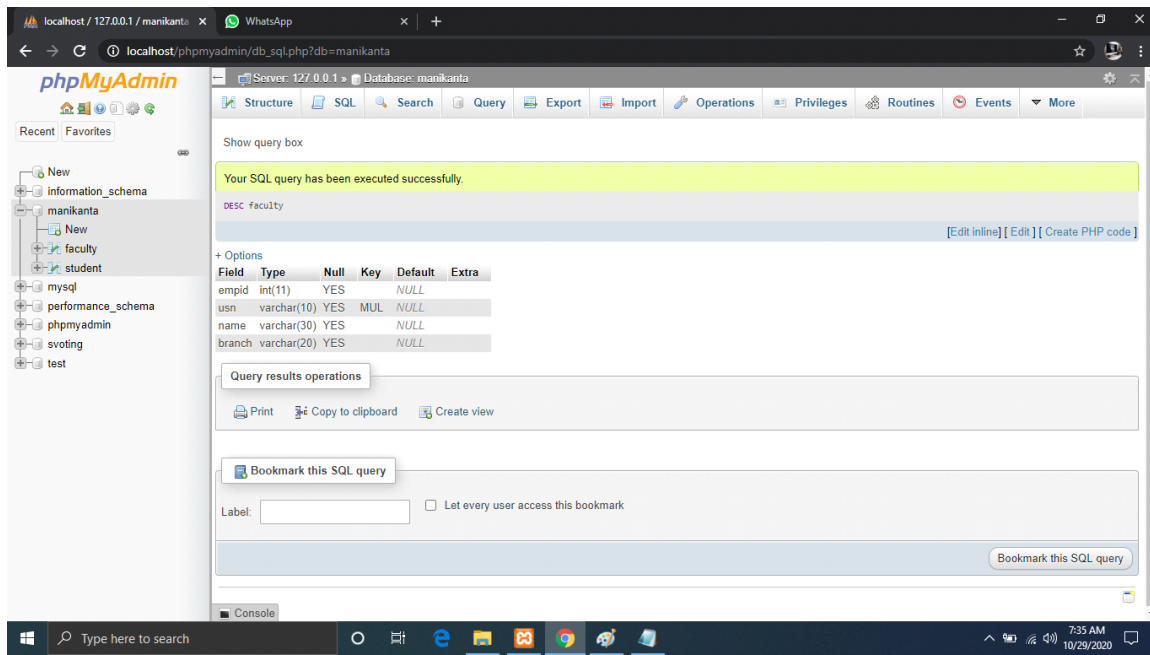


The screenshot shows the phpMyAdmin interface for a database named 'manikanta'. The 'student' table is selected, and the 'Table' tab is active. The table contains 9 rows. The row with 'usn' '1AM18CS128' and 'name' 'Pradeep Kumar V' is highlighted. The console shows the SQL query 'SELECT * FROM `student`'.

	sno	usn	name	branch
<input type="checkbox"/>	1	1AM18CS070	Hemanth Kumar	CSE
<input type="checkbox"/>	2	1AM18CS073	Jeevith KS	CSE
<input type="checkbox"/>	3	1AM18CS089	Lokesh K	CSE
<input type="checkbox"/>	4	1AM18CS092	Vittu	CSE
<input type="checkbox"/>	5	1AM18CS094	MANIKANTA H	CSE
<input type="checkbox"/>	6	1AM18CS095	Manohar YS	CSE
<input type="checkbox"/>	7	1AM18CS100	Asad	CSE
<input type="checkbox"/>	8	1AM18CS116	Naveen Kumar A	CSE
<input type="checkbox"/>	9	1AM18CS128	Pradeep Kumar V	CSE

CREATE TABLE faculty(empid int, usn varchar(10), name varchar(30), branch varchar(20), FOREIGN KEY(usn) REFERENCES student(usn));

DESC faculty;

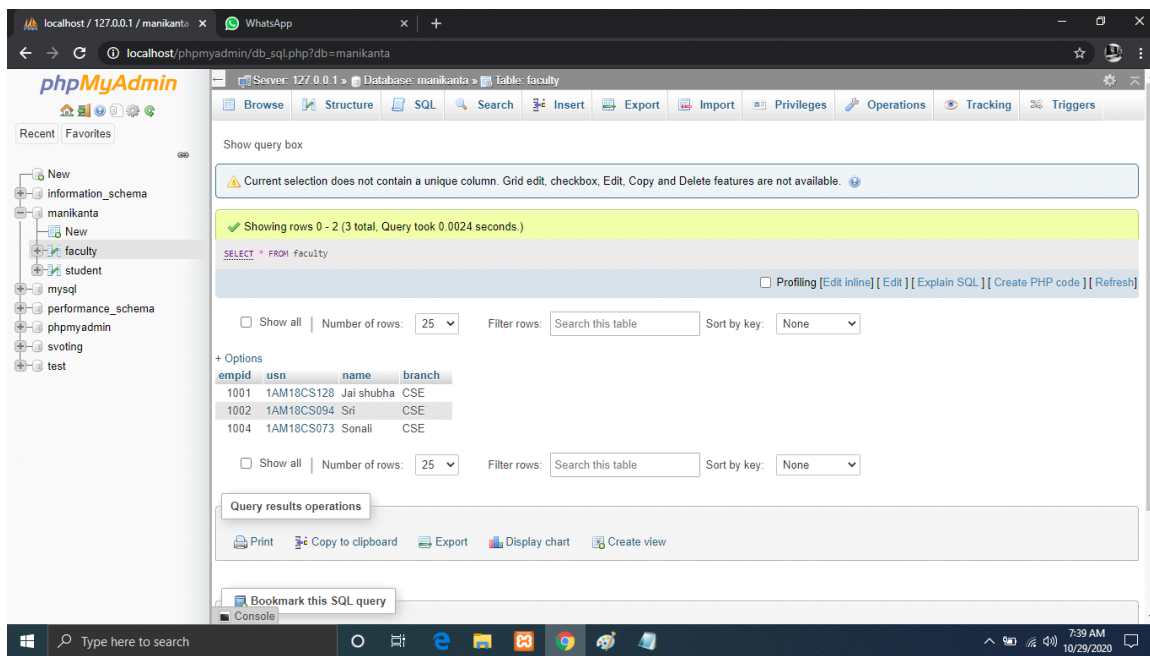


INSERT INTO faculty VALUES(1001,'1AM18CS128','Jai shubha','CSE');

INSERT INTO faculty VALUES(1001,'1AM18CS128','Jai shubha','CSE');

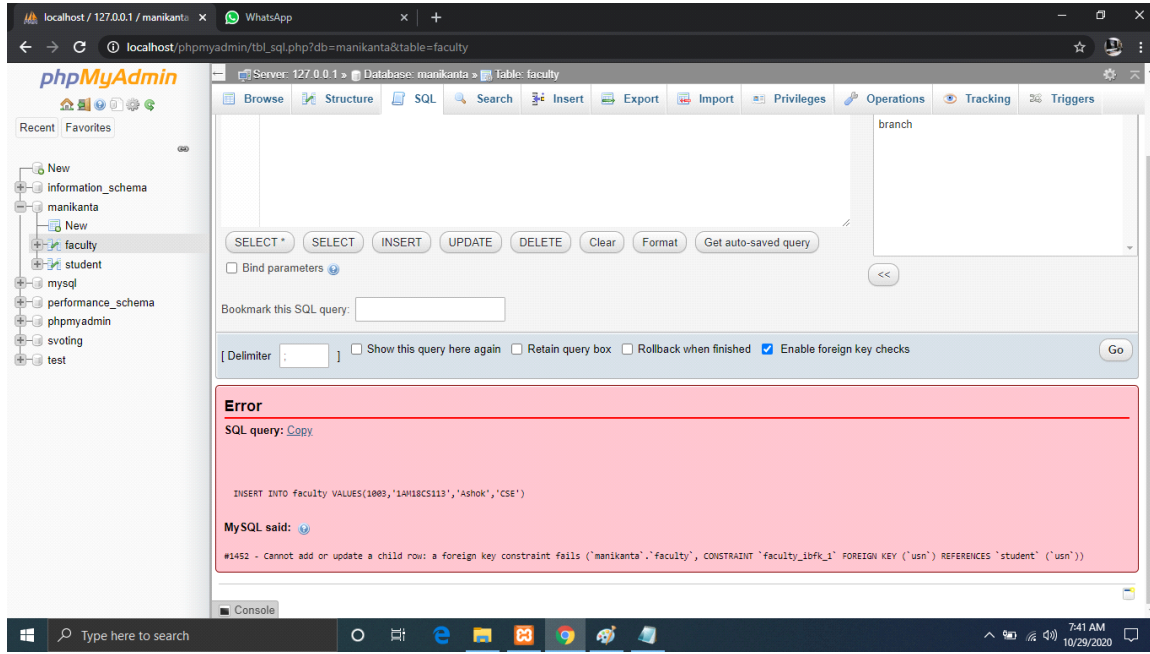
INSERT INTO faculty VALUES(1001,'1AM18CS128','Jai shubha','CSE');

INSERT INTO faculty VALUES(1001,'1AM18CS128','Jai shubha','CSE');

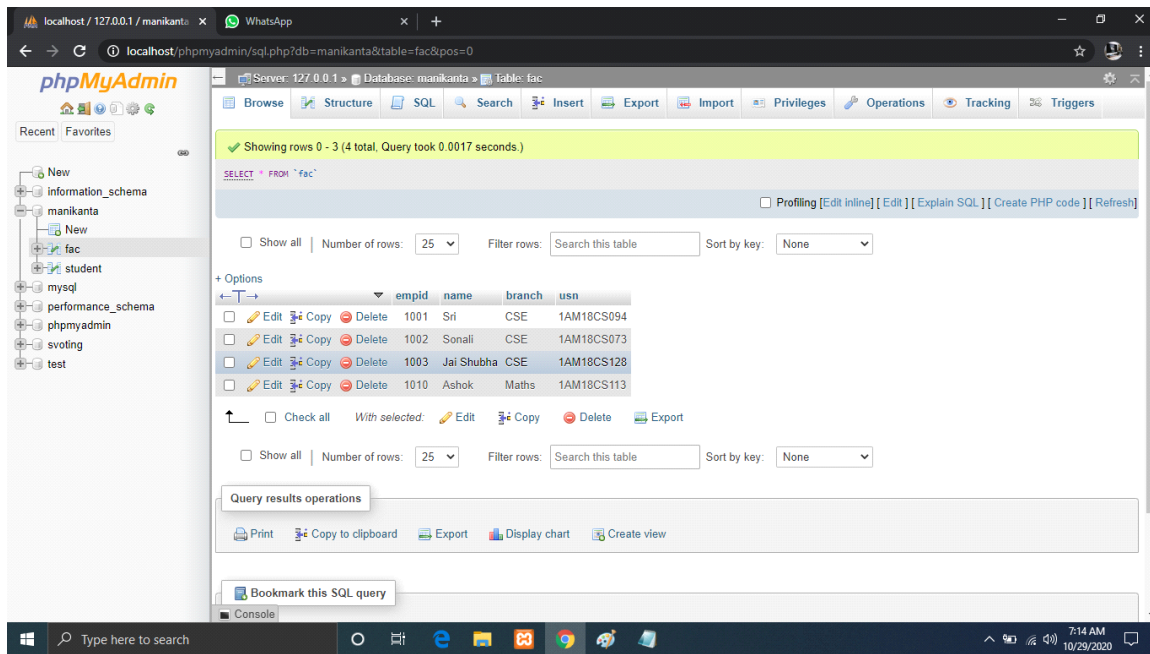


INSERT INTO faculty VALUES(1003,'1AM18CS113','Ashok','CSE');

ERROR

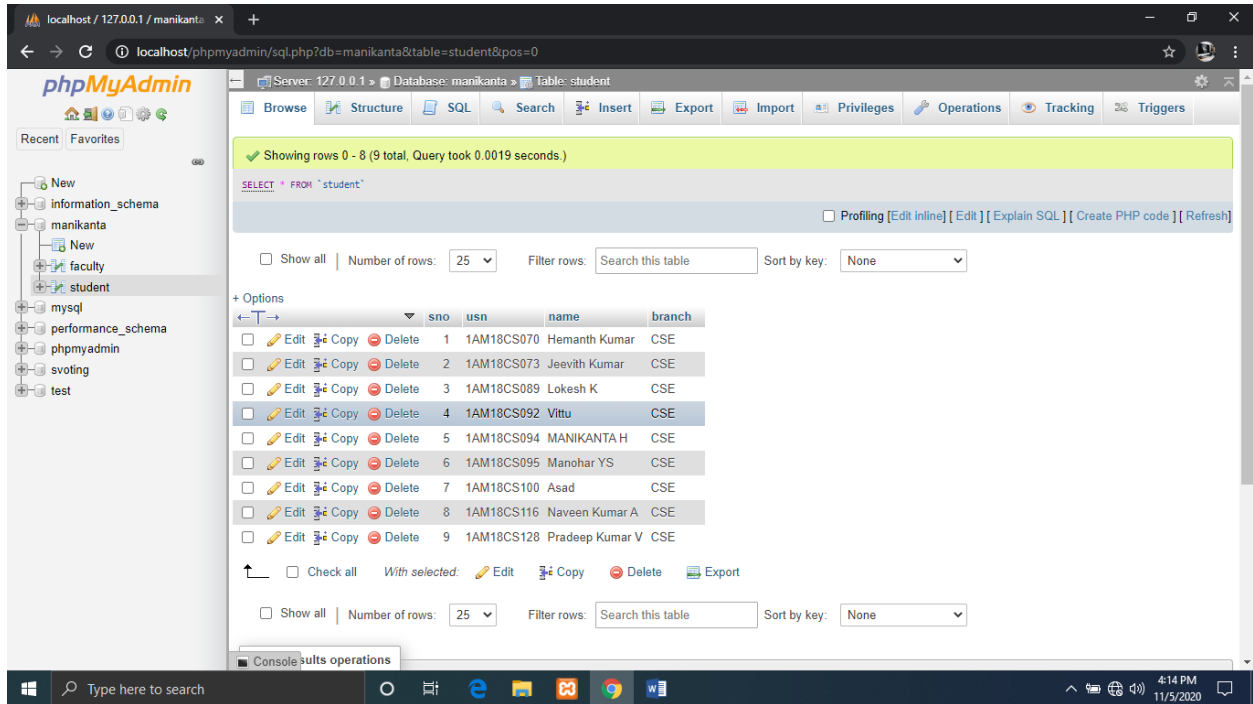


INSERT INTO faculty VALUES(1003,'1AM18CS070','Ashok','CSE');



Update commands:

```
UPDATE student SET name='Jeevith  
Kumar', usn='1AM18CS073' where usn='1AM18CS073';
```



The screenshot shows the phpMyAdmin interface for a database named 'manikanta'. The 'student' table is selected, and the 'Table' tab is active. The table contains 9 rows of data. The interface includes a sidebar with a tree view of the database structure, a top navigation bar with various tools (Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, Triggers), and a main content area displaying the table data. The table has columns: sno, usn, name, and branch. The data is as follows:

sno	usn	name	branch
1	1AM18CS070	Hemanth Kumar	CSE
2	1AM18CS073	Jeevith Kumar	CSE
3	1AM18CS089	Lokesh K	CSE
4	1AM18CS092	Vittu	CSE
5	1AM18CS094	MANIKANTA H	CSE
6	1AM18CS095	Manohar YS	CSE
7	1AM18CS100	Asad	CSE
8	1AM18CS116	Naveen Kumar A	CSE
9	1AM18CS128	Pradeep Kumar V	CSE

```
UPDATE student SET branch='EC', usn='1AM18EC045'  
WHERE name='Vittu'
```

localhost / 127.0.0.1 / manikanta

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

Server: 127.0.0.1 Database: manikanta Table: student

Showing rows 0 - 8 (9 total. Query took 0.0065 seconds.)

SELECT * FROM `student`

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

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	sno	usn	name	branch
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	1AM18CS070	Hemanth Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	1AM18CS073	Jeevith Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	1AM18CS089	Lokesh K	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	1AM18CS094	MANIKANTA H	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1AM18CS095	Manohar YS	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	1AM18CS100	Asad	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	1AM18CS116	Naveen Kumar A	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	1AM18CS128	Pradeep Kumar V	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	1AM18EC045	Vittu	EC

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console > SQL operations

/*Warning:while using the update command, if you do not use the WHERE clause it will affect all the row
For example below is given */

QUERY :

UPDATE student SET branch='EC' ;

localhost / 127.0.0.1 / manikanta

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

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 Database: manikanta Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 8 (9 total. Query took 0.0025 seconds.)

SELECT * FROM `student`

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

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	sno	usn	name	branch
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	1AM18CS070	Hemanth Kumar	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	1AM18CS073	Jeevith Kumar	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	1AM18CS089	Lokesh K	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	1AM18CS094	MANIKANTA H	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1AM18CS095	Manohar YS	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	1AM18CS100	Asad	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	1AM18CS116	Naveen Kumar A	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	1AM18CS128	Pradeep Kumar V	EC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	1AM18EC045	Vittu	EC

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Console SQL operations

ORDER BY COMMANDS:

```
SELECT * FROM `student` ORDER BY usn;
```

localhost / 127.0.0.1 / manikanta

localhost/phpmyadmin/tbl_sql.php?db=manikanta&table=student

phpMyAdmin

Recent Favorites

- New
- information_schema
- manikanta
 - New
 - faculty
 - student
- mysql
- performance_schema
- phpmyadmin
- svoting
- test

Server: 127.0.0.1 » Database: manikanta » Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

Showing rows 0 - 8 (9 total. Query took 0.0032 seconds.) [usn: 1AM18CS070... - 1AM18CS128...]

```
SELECT * FROM `student` ORDER BY usn
```

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	sno	usn	name	branch
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	1AM18CS070	Hemanth Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	1AM18CS073	Jeevith Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	1AM18CS089	Lokesh K	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	1AM18CS092	Vittu	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	1AM18CS094	MANIKANTA H	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1AM18CS095	Manohar YS	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	1AM18CS100	Asad	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	1AM18CS116	Naveen Kumar A	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	1AM18CS128	Pradeep Kumar V	CSE

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console

Type here to search

4:26 PM 11/5/2020

SELECT * FROM `student` ORDER BY name, usn;

localhost / 127.0.0.1 / manikanta

localhost/phpmyadmin/tbl_sql.php?db=manikanta&table=student

phpMyAdmin

Recent Favorites

- New
- information_schema
- manikanta
 - New
 - faculty
 - student
- mysql
- performance_schema
- phpmyadmin
- svoting
- test

Server: 127.0.0.1 » Database: manikanta » Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

Showing rows 0 - 8 (9 total. Query took 0.0063 seconds.) [name: ASAD... - VITTU...] [usn: 1AM18CS100... - 1AM18CS092...]

```
SELECT * FROM `student` ORDER BY name, usn
```

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	sno	usn	name	branch
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	1AM18CS100	Asad	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	1AM18CS070	Hemanth Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	1AM18CS073	Jeevith Kumar	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	1AM18CS089	Lokesh K	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	1AM18CS094	MANIKANTA H	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1AM18CS095	Manohar YS	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	1AM18CS116	Naveen Kumar A	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	1AM18CS128	Pradeep Kumar V	CSE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	1AM18CS092	Vittu	CSE

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console

Type here to search

4:28 PM 11/5/2020

SELECT * FROM `student` ORDER BY name ASC, usn DESC;

The screenshot shows the phpMyAdmin web interface. The left sidebar displays the database structure with 'manikanta' selected, containing tables 'faculty' and 'student'. The main panel shows the 'student' table with 9 rows. A yellow banner at the top of the table view indicates the query results: 'Showing rows 0 - 8 (9 total. Query took 0.0033 seconds.) [name: ASAD... - VITTU...] [usn: 1AM18CS100... - 1AM18CS092...]'. The SQL query 'SELECT * FROM `student` ORDER BY name ASC, usn DESC' is visible in the query box. Below the query box, there are controls for 'Show all', 'Number of rows' (set to 25), 'Filter rows' (search box), and 'Sort by key' (set to None). The table data is displayed with columns: sno, usn, name, and branch. The data is sorted by name in ascending order and then by usn in descending order.

sno	usn	name	branch
7	1AM18CS100	Asad	CSE
1	1AM18CS070	Hemanth Kumar	CSE
2	1AM18CS073	Jeevith Kumar	CSE
3	1AM18CS089	Lokesh K	CSE
5	1AM18CS094	MANIKANTA H	CSE
6	1AM18CS095	Manohar YS	CSE
8	1AM18CS116	Naveen Kumar A	CSE
9	1AM18CS128	Pradeep Kumar V	CSE
4	1AM18CS092	Vittu	CSE

NAME: MANIKANTA H

USN : 1AM18CS094

BRANCH : CSE

CSE : 'B' Sec