



SCHOOL MANAGEMENT SYSTEM

MINIPROJECT

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Objective & Scope

1.Objective:

- This is a XAMPP oriented application to access the information about the school, students, facilities etc.
- This application provides a latest update about the students information.
- Here administrator will manage the accounts of the student and faculties, makes the timetable, and upload the latest information about the school campus.
- It also provides support that a faculty can also check about his daily student information.

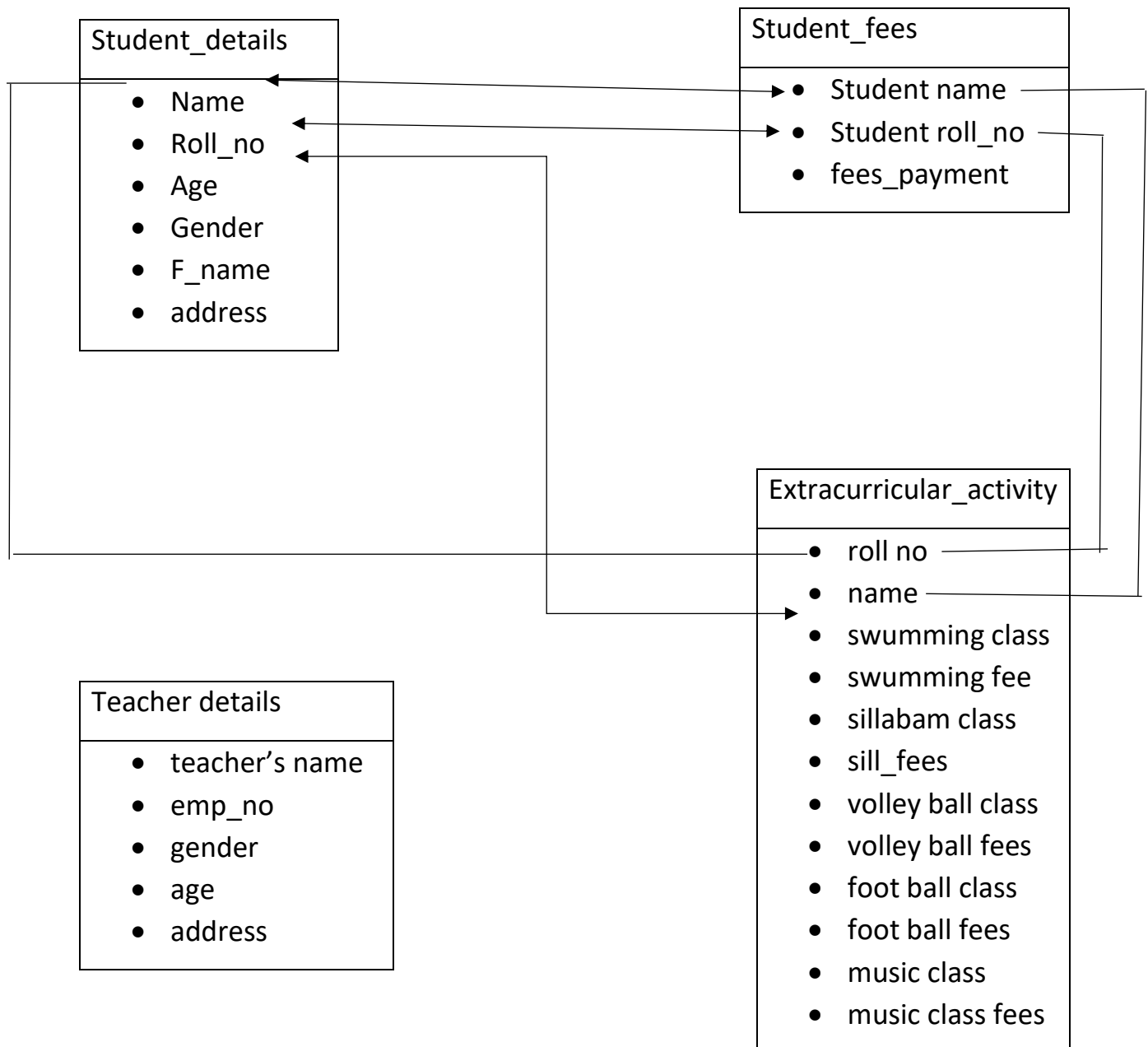
2.Scope:

- It produces exact information about student information.
- Easy access of student details.
- Easy updates of student details.
- Easy account for student payments.
- Less time is required.
- Easy to know teacher information

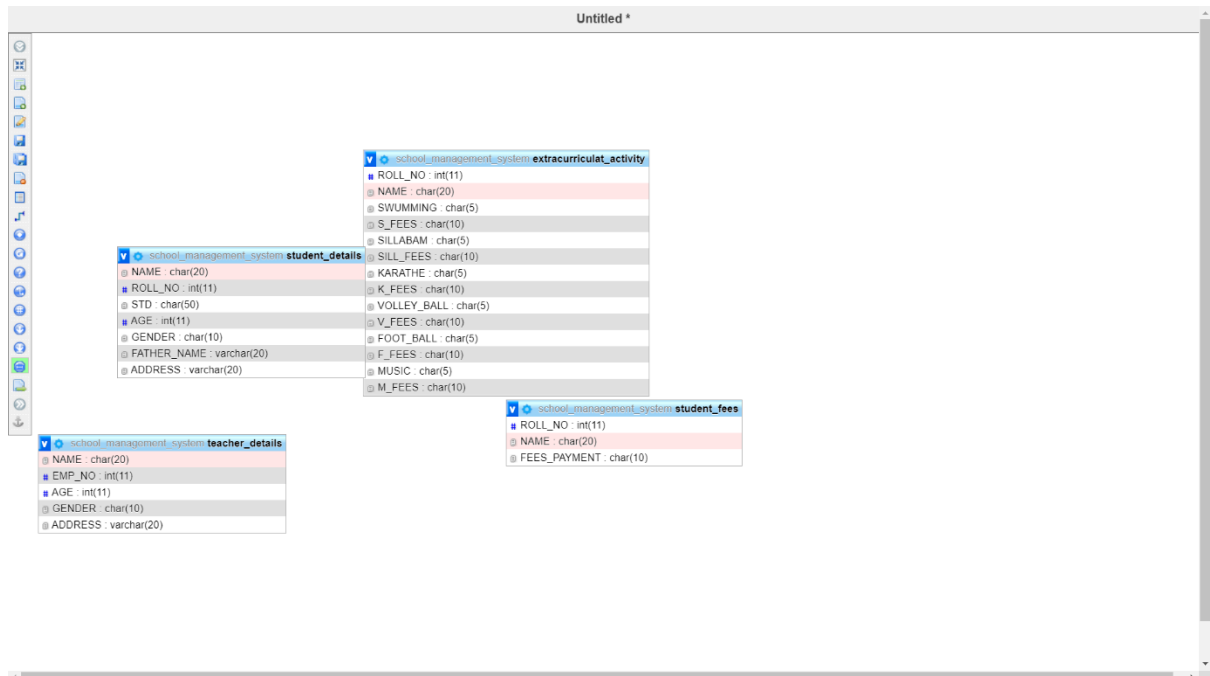
PROJECT EXPLANATION:

1. In this school management system have four tables i.e student_detail, teacher_detail, student_fees, extracurricular_activity.
2. Table student_details contain attributes
 - Student name (Foreign key)
 - Roll number (Foreign key)
 - Age
 - Gender
 - Father name
 - Address
3. Table teacher_details contain attributes
 - Teacher name
 - Employee number
 - Age
 - Gender
 - Address
4. Table student_fees contain attributes
 - Student roll number (Foreign key)
 - Student name
 - Fees payment
5. Table extracurricular_activity contain attributes
 - Student roll number
 - Student name
 - Swumming class
 - Swumming fees
 - Sillabam class
 - Sillabam fees
 - Volley ball class
 - Volley ball fees
 - Foot ball class
 - Foot ball fees
 - Music class
 - Music class fee

Class Diagram:



MEMORY ALLOCATION FOR SCHOOL MANAGEMENT SYSTEM :



NUMBER OF TABLES USED:

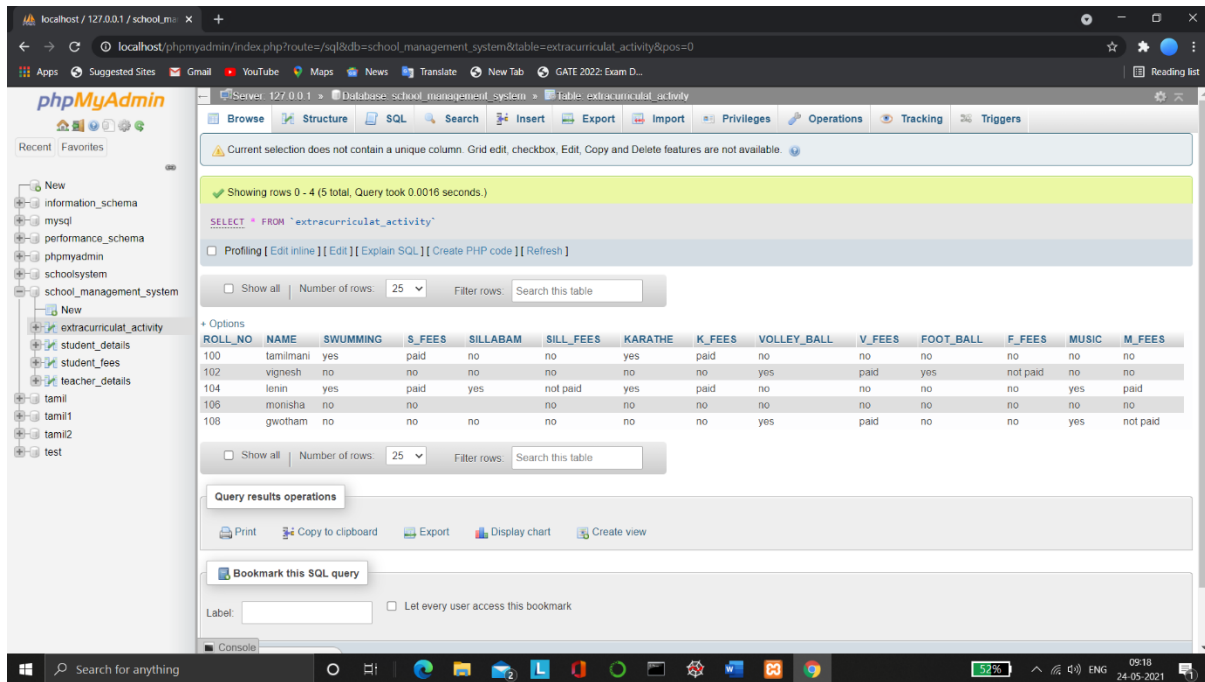
The screenshot shows the phpMyAdmin interface for the 'school_management_system' database. The 'Structure' tab is selected, displaying a list of tables and their details.

Table	Action	Rows	Type	Collation	Size	Overhead
extracurriculat_activity	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_details	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_fees	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
teacher_details	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
4 tables	Sum				15 InnoDB utf8mb4_general_ci 64.0 KiB	0 B

Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4. A 'Go' button is present at the bottom of this section.

BACK END:

1.Display the table called extracurricular activity.

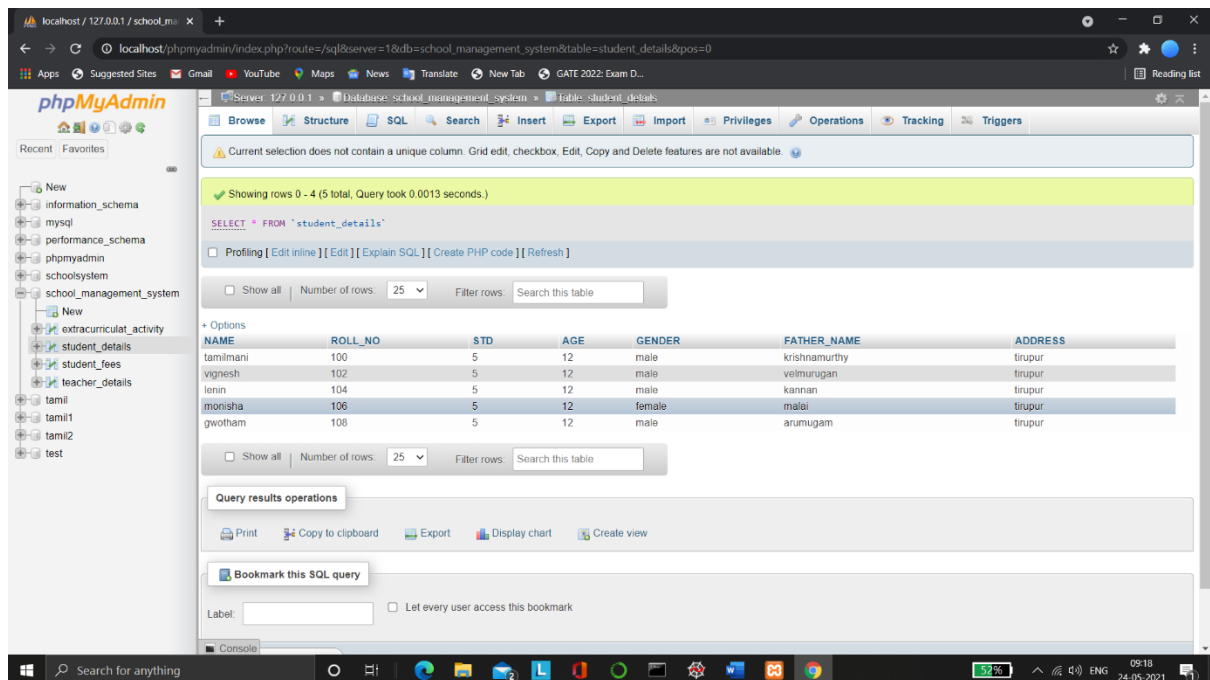


The screenshot shows the phpMyAdmin interface with the 'extracurricular_activity' table selected. The table structure and data are as follows:

ROLL_NO	NAME	SWUMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEY_BALL	V_FEES	FOOT_BALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	yes	paid	yes	not paid	no	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	yes	paid	no
106	monisha	no	no	no	no	no	no	no	no	no	no	no	no
108	gwotham	no	no	no	no	no	yes	paid	no	no	yes	not paid	no

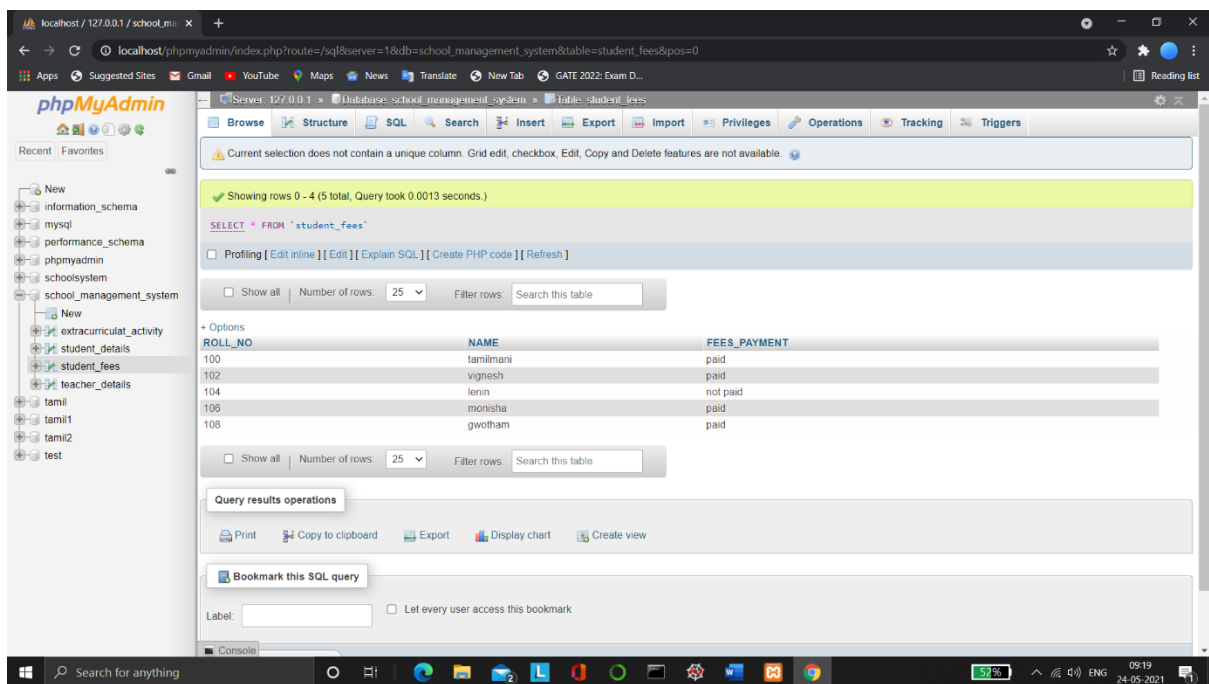
- In this screenshot display all the details in table extracurricular activity.
- It gives the information whether student is joined in extracurricular class or not.
- It also produces information about whether he/she paid fees for that class or not paid.

2.Display table called student details.



- From this screenshot, table student details display student details.
- Such as whether he/she paid academy fees or not
- And age, standard, gender, father name, address.

3.Display table called student fees:

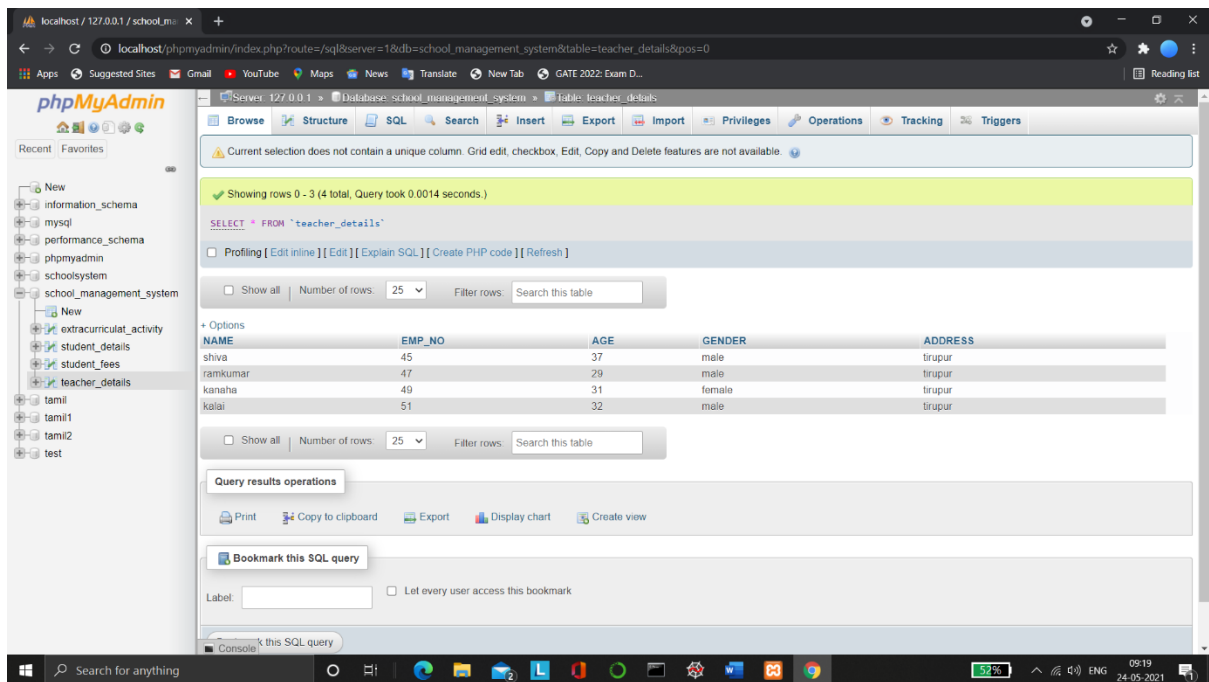


The screenshot shows the phpMyAdmin interface for a database named 'school_management_system'. The 'student_fees' table is selected, and the 'Structure' tab is active. The table contains 5 rows of data. The columns are 'ROLL_NO', 'NAME', and 'FEES_PAYMENT'. The data is as follows:

ROLL_NO	NAME	FEES_PAYMENT
100	tamilmani	paid
102	vignesh	paid
104	lenin	not paid
106	morisha	paid
108	gwotham	paid

- From this table student fees, display the academic fees which student pay fees or not with their name and roll number.

4.Display table called teacher details:



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 0.0014 seconds)

```
SELECT * FROM `teacher_details`
```

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

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

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur
kalai	51	32	male	tirupur

☐ 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

Label: ☐ Let every user access this bookmark

☐ Console [Bookmark this SQL query](#)

- From this table teacher details display the teachers information along with their employee number, age, gender and address.

FRONT END:

Source code for this school management system:

PROGRAM:

```
import pymysql

from tabulate import tabulate

db=pymysql.connect(host="localhost",user="root",password="",database="school_management_system")

cr=db.cursor()

sql="DROP TABLE IF EXISTS STUDENT_DETAILS"

cr.execute(sql)

sql="DROP TABLE IF EXISTS STUDENT_FEES"

cr.execute(sql)

sql="DROP TABLE IF EXISTS EXTRACURRICULAT_ACTIVITY"

cr.execute(sql)

sql="DROP TABLE IF EXISTS TEACHER_DETAILS "

cr.execute(sql)


sql="""CREATE TABLE STUDENT_DETAILS (
    NAME CHAR(20) ,
    ROLL_NO INTEGER,
    STD CHAR(50),
    AGE INT,
    GENDER CHAR(10),
    FATHER_NAME VARCHAR(20),
    ADDRESS VARCHAR(20))"""
```

```
cr.execute(sql);
```

```
sql="""CREATE TABLE TEACHER_DETAILS (
```

```
    NAME CHAR(20) ,
```

```
    EMP_NO INTEGER,
```

```
    AGE INT,
```

```
    GENDER CHAR(10),
```

```
    ADDRESS VARCHAR(20))"""
```

```
cr.execute(sql);
```

```
cr.execute("""CREATE TABLE STUDENT_FEES (ROLL_NO INTEGER ,NAME CHAR(20),  
FEES_PAYMENT CHAR(10))""");
```

```
cr.execute("""CREATE TABLE EXTRACURRICULAT_ACTIVITY (ROLL_NO INTEGER ,NAME  
CHAR(20),
```

```
    SWUMMING CHAR(5), S_FEES CHAR(10),
```

```
    SILLABAM CHAR(5),SILL_FEES CHAR(10),
```

```
    KARATHE CHAR(5),K_FEES CHAR(10),
```

```
    VOLLEY_BALL CHAR(5),V_FEES CHAR(10),
```

```
    FOOT_BALL CHAR(5),F_FEES CHAR(10),
```

```
    MUSIC CHAR(5),M_FEES CHAR(10))""");
```

```
while True:
```

```
    print("1.insert student's details\n2.insert teacher's details\n3.update student's  
details\n4.update teacher's details\n5.delete student's details\n6.delete teacher's  
details\n7.display details\n8.Exit")
```

```
    ch=int(input("enter your choice: "))
```

```

if(ch==1):
    name=input("enter student name:")
    roll_no=input("enter student roll_no:")
    std=int(input("enter standard:"))
    age=input("enter student age:")
    gender=input("enter student gender:")
    f_name=input("enter student's father name:")
    address=input("enter student address:")
    fees_payment = input("enter student's fees payment details(paid/not paid):")
    swumming=input("student is joined in summing class(yer/no):")
    s_fees=input("student is summing class fees payment(paid/not paid):")
    karathe=input("student is joined in karathe class(yer/no):")
    k_fees=input("student is summing class fees payment(paid/not paid):")
    sillabam=input("student is joined in sillabam class(yer/no):")
    sill_fees=input("student is sillabam class fees payment(paid/not paid):")
    volley_ball=input("student is joined in valley ball(yer/no):")
    v_fees=input("student is valley ball fees payment(paid/not paid):")
    foot_ball=input("student is joined in foot ball(yer/no):")
    f_fees=input("student is foot ball fees payment(paid/not paid):")
    music=input("student is joined in music class(yer/no):")
    m_fees=input("student is music class fees payment(paid/not paid):")

    cr.execute("""INSERT INTO STUDENT_DETAILS( NAME,ROLL_NO ,STD,AGE,GENDER
,FATHER_NAME ,ADDRESS )
VALUES (%s,%s,%s,%s,%s,%s,%s)""",(name,roll_no,std,age,gender,f_name,address));
    db.commit()

```

```

cr.execute("""INSERT INTO STUDENT_FEES( ROLL_NO ,NAME,FEES_PAYMENT)
VALUES (%s,%s,%s)""",(roll_no,name,fees_payment));
db.commit()

```

```

cr.execute("""INSERT INTO EXTRACURRICULAT_ACTIVITY( ROLL_NO ,NAME,
SWUMMING , S_FEES ,
SILLABAM,SILL_FEES,
KARATHE ,K_FEES ,
VOLLEY_BALL,V_FEES,
FOOT_BALL ,F_FEES ,
MUSIC ,M_FEES )
VALUES
(%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)""",(roll_no,name,swumming,s_fees,sillamb
am,sill_fees,karathe, k_fees,volley_ball,v_fees,foot_ball,f_fees,music, m_fees));
db.commit()

```

```

print("Sucessfully inserted");
elif(ch==2):
t_name=input("enter teacher name:")
emp_no=input("enter teacher's employ number:")
t_age=input("enter teacher age:")
t_gender=input("enter teacher gender:")
t_address=input("enter address:")
cr.execute("""INSERT INTO TEACHER_DETAILS( NAME,EMP_NO ,AGE,GENDER ,ADDRESS
)
VALUES (%s,%s,%s,%s,%s)""",(t_name,emp_no,t_age,t_gender,t_address));

```

```

db.commit()

print("Sucessfully inserted");

elif(ch==7):

    ql = "SELECT * FROM STUDENT_DETAILS"
    cr.execute(ql);
    result1=cr.fetchall();

    ql = "SELECT * FROM STUDENT_FEES"
    cr.execute(ql);
    result2=cr.fetchall();

    cr.execute( "SELECT * FROM EXTRACURRICULAT_ACTIVITY");
    result3=cr.fetchall();

    ql = "SELECT * FROM TEACHER_DETAILS"
    cr.execute(ql);
    result4=cr.fetchall();

print(tabulate(result1,headers=["NAME","ROLL_NO","STD","AGE","GENDER","FATHER_NAME","ADDRESS"]))

    print(tabulate(result4,headers=["NAME","EMP_NO","AGE","GENDER","ADDRESS"]))

    print(tabulate(result2,headers=["ROLL_NO","NAME","FEES_PAYMENT"]))

    print(tabulate(result3,headers=["ROLL_NO","NAME", "SWUMMING", "S_FEES", "SILLABAM", "SILL_FEES", "KARATHE", "K_FEES", "VOLLEY_BALL", "V_FEES", "FOOT_BALL", "F_FEES", "MUSIC", "M_FEES" ]))

```

```
elif(ch==3):  
    roll_no=input("enter roll number to update:")  
    name = input("enter student name:")  
    std=input("enter the standart:")  
    age = input("enter student's age:")  
    gender = input("enter student's gender:")  
    f_name = input("enter student's father name:")  
    address = input("enter student's address:")  
    fees_payment = input("enter student's fees payment details(paid/not paid):")  
    swumming=input("student is joined in summing class(yer/no):")  
    s_fees=input("student is summing class fees payment(paid/not paid):")  
    karathe=input("student is joined in karathe class(yer/no):")  
    k_fees=input("student is summing class fees payment(paid/not paid):")  
    sillabam=input("student is joined in sillabam class(yer/no):")  
    sill_fees=input("student is sillabam class fees payment(paid/not paid):")  
    volley_ball=input("student is joined in valley ball(yer/no):")  
    v_fees=input("student is valley ball fees payment(paid/not paid):")  
    foot_ball=input("student is joined in foot ball(yer/no):")  
    f_fees=input("student is foot ball fees payment(paid/not paid):")  
    music=input("student is joined in music class(yer/no):")  
    m_fees=input("student is music class fees payment(paid/not paid):")
```

```
cr.execute("UPDATE STUDENT_DETAILS SET name=%s ,age=%s, gender=%s,
std=%s,FATHER_NAME=%s, address=%s where
roll_no=%s",(name,age,gender,std,f_name,address,roll_no));

db.commit()
```

```
cr.execute("UPDATE STUDENT_FEES SET name=%s,fees_payment=%s where
roll_no=%s",(name,fees_payment,roll_no));

db.commit()
```

```
cr.execute("UPDATE EXTRACURRICULAT_ACTIVITY SET
name=%s,swumming=%s,s_fees=%s,sillabam=%s,sill_fees=%s,karathe=%s,
k_fees=%s,volley_ball=%s,v_fees=%s,foot_ball=%s,f_fees=%s,music=%s, m_fees=%s where
roll_no=%s",(name,swumming,s_fees,sillabam,sill_fees,karathe,
k_fees,volley_ball,v_fees,foot_ball,f_fees,music, m_fees,roll_no));

db.commit()
```

```
print("Sucessfully updated")

elif(ch==4):

    roll_no=input("enter employee number to update:")

    t_name=input("enter teacher name:")

    t_age=input("enter teacher age:")

    t_gender=input("enter teacher gender:")

    t_address=input("enter address:")

    cr.execute("UPDATE TEACHER_DETAILS SET name=%s ,age=%s, gender=%s, address=%s
where emp_no=%s",(t_name,t_age,t_gender,t_address,emp_no));

    db.commit()
```

```
elif(ch==5):

    roll_no=input("enter student's roll number to delete:")
```



```

cr.execute("DELETE FROM STUDENT_DETAILS WHERE ROLL_NO= %s",(roll_no) );
db.commit();

cr.execute("DELETE FROM STUDENT_FEES WHERE ROLL_NO= %s",(roll_no) );
db.commit();

cr.execute("DELETE FROM EXTRACURRICULAT_ACTIVITY WHERE ROLL_NO=
%s", (roll_no) );
db.commit();

print("details deleted succesfully ")
elif(ch==6):
    roll_no=input("enter employee number to delete:")
    cr.execute("DELETE FROM TEACHER_DETAILS WHERE EMP_NO= %s", (emp_no) );
    db.commit();

elif(ch==8):
    break;
else:
    print("<<< invalid entry! try again >>>")

```

CODE EXPLANATION:

```
1 import pymysql
2 from tabulate import tabulate
3 db=pymysql.connect(host="localhost",user="root",password="",database="school_management_system")
4 cr=db.cursor()
5 sql="DROP TABLE IF EXISTS STUDENT_DETAILS"
6 cr.execute(sql)
7 sql="DROP TABLE IF EXISTS STUDENT_FEES"
8 cr.execute(sql)
9 sql="DROP TABLE IF EXISTS EXTRACURRICULAT_ACTIVITY"
10 cr.execute(sql)
11 sql="DROP TABLE IF EXISTS TEACHER_DETAILS "
12 cr.execute(sql)
```

- First we import pymysql package.
- Next import the package called tabulate to display output in table format.
- Then we connect our code to localhost database by using software called XAMPP.
- Create a cursor with cursor variable called "cr",It act as a wire to connect our code and database.
- Sql command called "DROP TABLE IF EXISTS STUDENT_DETAILS" to delete table if table is available.
- By using cursor variable execute the sql command.
- Like wise do same thing for following tables called student fees, extracurricular activity and teacher details.

```

13
14
15 sql="""CREATE TABLE STUDENT_DETAILS (
16     NAME CHAR(20) ,
17     ROLL_NO INTEGER,
18     STD CHAR(50),
19     AGE INT,
20     GENDER CHAR(10),
21     FATHER_NAME VARCHAR(20),
22     ADDRESS VARCHAR(20))"""
23 cr.execute(sql);
24 sql="""CREATE TABLE TEACHER_DETAILS (
25     NAME CHAR(20) ,
26     EMP_NO INTEGER,
27     AGE INT,
28     GENDER CHAR(10),
29     ADDRESS VARCHAR(20))"""
30 cr.execute(sql);
31
32 cr.execute("""CREATE TABLE STUDENT_FEES (ROLL_NO INTEGER ,NAME CHAR(20), FEES_PAYMENT CHAR(10))""");
33
34 cr.execute("""CREATE TABLE EXTRACURRICULAT_ACTIVITY (ROLL_NO INTEGER ,NAME CHAR(20),
35     SWUMMING CHAR(5), S_FEES CHAR(10),
36     SILLABAM CHAR(5),SILL_FEES CHAR(10),
37     KARATHE CHAR(5),K_FEES CHAR(10),
38     VOLLEY_BALL CHAR(5),V_FEES CHAR(10),
39     FOOT_BALL CHAR(5),F_FEES CHAR(10),
40     MUSIC CHAR(5),M_FEES CHAR(10))""");
41

```

- Sql command """CREATE TABLE STUDENT_DETAILS (NAME CHAR(20),ROLL_NO INTEGER, STD CHAR(50),AGE INT,GENDER CHAR(10),FATHER_NAME VARCHAR(20),ADDRESS VARCHAR(20))""" and
 """CREATE TABLE TEACHER_DETAILS(NAMECHAR(20) , EMP_NO,INTEGER,AGE INT,GENDER CHAR(10),ADDRESS VARCHAR(20))""" and
 """CREATE TABLE STUDENT_FEES (ROLL_NO INTEGER ,NAME CHAR(20), FEES_PAYMENT CHAR(10))""" and
 """CREATE TABLE EXTRACURRICULAT_ACTIVITY (ROLL_NO INTEGER ,NAME CHAR(20), SWUMMING CHAR(5), S_FEES CHAR(10),SILLABAM CHAR(5),SILL_FEES CHAR(10), KARATHE CHAR(5),K_FEES CHAR(10), VOLLEY_BALL CHAR(5),V_FEES CHAR(10), FOOT_BALL CHAR(5),F_FEES CHAR(10), MUSIC CHAR(5),M_FEES CHAR(10))"""

- Create table called student details, teacher details, student fees, extracurricular activity.
- By using cursor variable to execute sql command.

```
42 while True:
43     print("1.insert student's details\n2.insert teacher's details\n3.update student's details\n4.update teacher's details\n5.delete student's details\n6.delete teacher's details\n7.display details\n8.Exit")
44     ch=int(input("enter your choice: "))
45     if(ch==1):
```

- To get number of input from users so we use “while loop”
- We don’t know how many student/teacher to join , so we use “true condition” to execute loop infinity times.
- This print statement gives output:

```
1.insert student's details
2.insert teacher's details
3.update student's details
4.update teacher's details
5.delete student's details
6.delete teacher's details
7.display details
8.Exit
```

- Switch condition is used to perform activity, so create variable called “ch” for enter choice.

```

45     if(ch==1):
46         name=input("enter student name:")
47         roll_no=input("enter student roll_no:")
48         std=int(input("enter standard:"))
49         age=input("enter student age:")
50         gender=input("enter student gender:")
51         f_name=input("enter student's father name:")
52         address=input("enter student address:")
53         fees_payment = input("enter student's fees payment details(paid/not paid):")
54         swimming=input("student is joined in summing class(yer/no):")
55         s_fees=input("student is summing class fees payment(paid/not paid):")
56         karathe=input("student is joined in karathe class(yer/no):")
57         k_fees=input("student is summing class fees payment(paid/not paid):")
58         sillabam=input("student is joined in sillabam class(yer/no):")
59         sill_fees=input("student is sillabam class fees payment(paid/not paid):")
60         volley_ball=input("student is joined in valley ball(yer/no):")
61         v_fees=input("student is valley ball fees payment(paid/not paid):")
62         foot_ball=input("student is joined in foot ball(yer/no):")
63         f_fees=input("student is foot ball fees payment(paid/not paid):")
64         music=input("student is joined in music class(yer/no):")
65         m_fees=input("student is music class fees payment(paid/not paid):")
66
67

```

- User enter "1" it get students input from the user

Output:

```

enter your choice: 1
enter student name:gwotham
enter student roll_no:108
enter standard:5
enter student age:12
enter student gender:male
enter student's father name:arumugam
enter student address:tirupur

enter student's fees payment details(paid/not paid):paid
student is joined in summing class(yer/no):no
student is summing class fees payment(paid/not paid):no
student is joined in karathe class(yer/no):no
student is summing class fees payment(paid/not paid):no
student is joined in sillabam class(yer/no):no
student is sillabam class fees payment(paid/not paid):no
student is joined in valley ball(yer/no):yes
student is valley ball fees payment(paid/not paid):paid

```

```

67 cr.execute("""INSERT INTO STUDENT_DETAILS( NAME,ROLL_NO ,STD,AGE,GENDER ,FATHER_NAME ,ADDRESS )
68 VALUES (%s,%s,%s,%s,%s,%s,%s)""",(name,roll_no,std,age,gender,f_name,address));
69 db.commit()
70
71 cr.execute("""INSERT INTO STUDENT_FEES( ROLL_NO ,NAME,FEES_PAYMENT)
72 VALUES (%s,%s,%s)""",(roll_no,name,fees_payment));
73 db.commit()
74
75
76 cr.execute("""INSERT INTO EXTRACURRICULAT_ACTIVITY( ROLL_NO ,NAME, SWUMMING , S_FEES ,
77 SILLABAM,SILL_FEES,
78 KARATHE ,K_FEES ,
79 VOLLEY_BALL,V_FEES,
80 FOOT_BALL ,F_FEES ,
81 MUSIC ,M_FEES )
82 VALUES (%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)""",(roll_no,name,swumming,s_fees,sillabam,sill_fees,karathe, k_fees,volley_ball,v_fees,fo
83 db.commit()
84
85
86
87 print("Sucessfully inserted");
88

```

- This sql command showed in screenshot `""""INSERT INTO STUDENT_DETAILS(NAME,ROLL_NO ,STD,AGE,GENDER ,FATHER_NAME ,ADDRESS(%s,%s,%s,%s,%s,%s,%s)""", (name,roll_no,std,age,gender,f_name,address))"` to insert value driven from users .
`"%s"` - it is string constant return the value derived from users.
- using cursor variable to execute sql command.
- Number of arguments passed in command is equal in number of `"%s"`
- Finally give commit operation for each sql command to make changes in database.
- Print message called successfully inserted.

Output:

```

student is music class fees payment(paid/not paid):not paid
Sucessfully inserted

```

CHANGES IN CODE OUTPUT:

NAME	ROLL_NO	STD	AGE	GENDER	FATHER_NAME	ADDRESS
tamilmani	100	5	12	male	krishnamurthy	tirupur
vignesh	102	5	12	male	velmurugan	tirupur
lenin	104	5	12	male	kannan	tirupur
monisha	106	5	12	female	malai	tirupur
gwotham	108	5	12	male	arumugam	tirupur

NAME	EMP_NO	AGE	GENDER	ADDRESS
tamilmani	100	5	12	male
vignesh	102	5	12	male
lenin	104	5	12	male
monisha	106	5	12	female
gwotham	108	5	12	male

ROLL_NO	NAME	FEES_PAYMENT
100	tamilmani	paid
102	vignesh	paid
104	lenin	not paid
106	monisha	paid
108	gwotham	paid

ROLL_NO	NAME	SWIMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEY_BALL	V_FEES	FOOT_BALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	no	yes	paid
106	monisha	no	no	no	no	no	no	no	no	no	no	no	no
108	gwotham	no	no	no	no	no	no	yes	paid	no	no	yes	not paid

CHANGES IN DATABASE FOR STUDENT DETAILS,EXTRACURRICULAR ACTIVITY,STUDENT FEES:

The screenshot shows the phpMyAdmin interface for a database named 'school_management_system'. The 'student_details' table is selected, and its structure and data are displayed.

Table Structure:

NAME	ROLL_NO	STD	AGE	GENDER	FATHER_NAME	ADDRESS
tamilmani	100	5	12	male	krishnamurthy	tirupur
vignesh	102	5	12	male	velmurugan	tirupur
lenin	104	5	12	male	kannan	tirupur
monisha	106	5	12	female	malai	tirupur
gwotham	108	5	12	male	arumugam	tirupur

Query Results:

```
SELECT * FROM 'student_details'
```

The query results show the same data as the table structure above.

localhost / 127.0.0.1 / school_m... x

localhost/phpmyadmin/index.php?route=/sql&db=school_management_system&table=extracurriculat_activity&pos=0

Server: 127.0.0.1 » Database: school_management_system » Table: extracurriculat_activity

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

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

Showing rows 0 - 4 (5 total, Query took 0.0016 seconds)

SELECT * FROM "extracurriculat_activity"

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

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

+ Options

ROLL_NO	NAME	SWUMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEY_BALL	V_FEES	FOOT_BALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	yes	paid	no
106	monisha	no	no	no	no	no	no	no	no	no	no	no	no
108	gwotham	no	no	no	no	no	no	yes	paid	no	no	yes	not paid

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

Label: ☐ Let every user access this bookmark

Console

localhost / 127.0.0.1 / school_m... x

localhost/phpmyadmin/index.php?route=/sql&server=1&db=school_management_system&table=student_fees&pos=0

Server: 127.0.0.1 » Database: school_management_system » Table: student_fees

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

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

Showing rows 0 - 4 (5 total, Query took 0.0013 seconds)

SELECT * FROM "student_fees"

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

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

+ Options

ROLL_NO	NAME	FEES_PAYMENT
100	tamilmani	paid
102	vignesh	paid
104	lenin	not paid
106	monisha	paid
108	gwotham	paid

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

Label: ☐ Let every user access this bookmark

Console


```

89     elif(ch==2):
90         t_name=input("enter teacher name:")
91         emp_no=input("enter teacher's employ number:")
92         t_age=input("enter teacher age:")
93         t_gender=input("enter teacher gender:")
94         t_address=input("enter address:")
95         cr.execute("""INSERT INTO TEACHER_DETAILS( NAME,EMP_NO ,AGE,GENDER ,ADDRESS )
96                     VALUES (%s,%s,%s,%s,%s)""", (t_name,emp_no,t_age,t_gender,t_address));
97         db.commit()
98     print("Sucessfully inserted");
99     elif(ch==7):

```

- User enter "2" to get teacher information from the user.

Output:

```

1.insert student's details
2.insert teacher's details
3.update student's details
4.update teacher's details
5.delete student's details
6.delete teacher's details
7.display details
8.Exit

enter your choice: 2

enter teacher name:shiva

enter teacher's employ number:45

enter teacher age:37

enter teacher gender:male

enter address:tirupur
Sucessfully inserted
1.insert student's details

```

- Sql command `""""INSERT INTO TEACHER_DETAILS(NAME,EMP_NO ,AGE,GENDER ,ADDRESS)VALUES(%s,%s,%s,%s,%s)"""" ,(t_name,emp_no,t_age,t_gender ,t_address)""""` is used to insert value to table from the user.
- Give commit operation to make changes in database.

CHANGES IN CODE OUTPUT:

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur
kalai	51	32	male	tirupur

CHANGES IN DATABASE FOR TEACHER DETAILS:

The screenshot shows the phpMyAdmin interface for a database named 'school_management_system'. The 'teacher_details' table is selected, and its contents are displayed in a table format. The table has columns: NAME, EMP_NO, AGE, GENDER, and ADDRESS. The data rows are as follows:

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur
kalai	51	32	male	tirupur

The interface also shows a sidebar with a tree view of the database structure, including 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', 'schoolsystem', and 'school_management_system'. The 'teacher_details' table is highlighted under 'school_management_system'. The main content area includes a query editor with the SQL query 'SELECT * FROM `teacher_details`' and a 'Query results operations' section with buttons for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. There is also a 'Bookmark this SQL query' section with a label and a checkbox for 'Let every user access this bookmark'.

```

elif(ch==3):
    roll_no=input("enter roll number to update:")
    name = input("enter student name:")
    std=input("enter the standart:")
    age = input("enter student's age:")
    gender = input("enter student's gender:")
    f_name = input("enter student's father name:")
    address = input("enter student's address:")
    fees_payment = input("enter student's fees payment details(paid/not paid):")
    swumming=input("student is joined in summing class(yer/no):")
    s_fees=input("student is summing class fees payment(paid/not paid):")
    karathe=input("student is joined in karathe class(yer/no):")
    k_fees=input("student is summing class fees payment(paid/not paid):")
    sillabam=input("student is joined in sillabam class(yer/no):")
    sill_fees=input("student is sillabam class fees payment(paid/not paid):")
    volley_ball=input("student is joined in valley ball(yer/no):")
    v_fees=input("student is valley ball fees payment(paid/not paid):")
    foot_ball=input("student is joined in foot ball(yer/no):")
    f_fees=input("student is foot ball fees payment(paid/not paid):")
    music=input("student is joined in music class(yer/no):")
    m_fees=input("student is music class fees payment(paid/not paid):")

```

- If user enter "3" to updates the entered details
- By using roll_no as primary key to updates details.

OUTPUT:

```

enter your choice: 3
enter roll number to update:108
enter student name:gowtham
enter the standart:5
enter student's age:12
enter student's gender:male
enter student's father name:arumugam
enter student's address:salem
enter student's fees payment details(paid/not paid):paid
student is joined in summing class(yer/no):yes
student is summing class fees payment(paid/not paid):paid
student is joined in karathe class(yer/no):yes
student is summing class fees payment(paid/not paid):paid
student is joined in sillabam class(yer/no):yes
student is sillabam class fees payment(paid/not paid):paid
student is joined in valley ball(yer/no):yes
student is valley ball fees payment(paid/not paid):paid

```

```

student is sillabam class fees payment(paid/not paid):paid
student is joined in valley ball(yer/no):yes
student is valley ball fees payment(paid/not paid):paid
student is joined in foot ball(yer/no):yes
student is foot ball fees payment(paid/not paid):paid
student is joined in music class(yer/no):yes
student is music class fees payment(paid/not paid):paid
Sucessfully updated

```

- Updated details are enter in table by users.
- Finally sent a message called sucessfully updated.

```

37
38
39 cr.execute("UPDATE STUDENT_DETAILS SET name=%s ,age=%s, gender=%s, std=%s,FATHER_NAME=%s, address=%s where roll_no=%s",(name,age,gender,std,f_
40 db.commit()
41
42
43
44 cr.execute("UPDATE STUDENT_FEES SET name=%s,fees_payment=%s where roll_no=%s",(name,fees_payment,roll_no));
45 db.commit()
46
47 cr.execute("UPDATE EXTRACURRICULAT_ACTIVITY SET name=%s,swumming=%s,s_fees=%s,sillabam=%s,sill_fees=%s,karathe=%s, k_fees=%s,volley_ball=%s,v_f
48 db.commit()
49
50 print("Sucessfully updated")

```

- Sql command "UPDATE STUDENT_DETAILS SET name=%s ,age=%s, gender=%s, std=%s,FATHER_NAME=%s, address=%s where roll_no=%s",(name,age,gender,std,f_name,address,roll_no) Used to updates details in table.
- Give commit to make changes in database.
- Do same for table student fees, extracurricular activity.

CHANGES IN CODE OUTPUT:

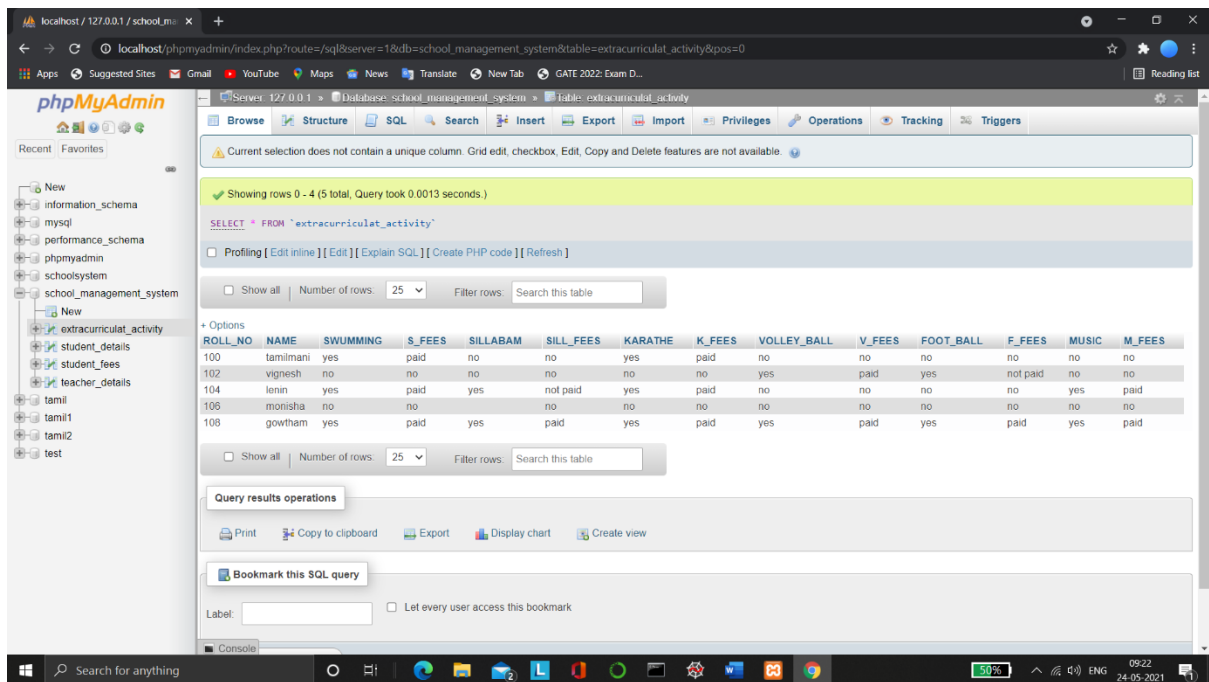
NAME	ROLL_NO	STD	AGE	GENDER	FATHER_NAME	ADDRESS
tamilmani	100	5	12	male	krishnamurthy	tirupur
vignesh	102	5	12	male	velmunugan	tirupur
lenin	104	5	12	male	kannan	tirupur
monisha	106	5	12	female	malai	tirupur
gowtham	108	5	12	male	arumugam	salem
NAME	EMP_NO	AGE	GENDER	ADDRESS		
shiva	45	37	male	tirupur		
ramkumar	47	29	male	tirupur		
kanaha	49	31	female	tirupur		
kalai	51	32	male	tirupur		
ROLL_NO	NAME	FEES_PAYMENT				
100	tamilmani	paid				
102	vignesh	paid				
104	lenin	not paid				
106	monisha	paid				
108	gowtham	paid				
ROLL_NO	NAME	SWIMMING	S_FEEES	SILLABAM	SILL_FEEES	KARATHE
100	tamilmani	yes	paid	no	no	yes
102	vignesh	no	no	no	no	no
104	lenin	yes	paid	yes	not paid	yes
106	monisha	no	no	no	no	no
108	gowtham	yes	paid	yes	paid	yes

UPDATED CHANGES IN DATABASE FOR STUDENTDETAILS,EXTRACURRICULAR ACTIVITY,STUDENT FEES:

NAME	ROLL_NO	STD	AGE	GENDER	FATHER_NAME	ADDRESS
tamilmani	100	5	12	male	krishnamurthy	tirupur
vignesh	102	5	12	male	velmunugan	tirupur
lenin	104	5	12	male	kannan	tirupur
monisha	106	5	12	female	malai	tirupur
gowtham	108	5	12	male	arumugam	salem

CHANGES: name of roll number 108 is updated to “Gowtham” and his

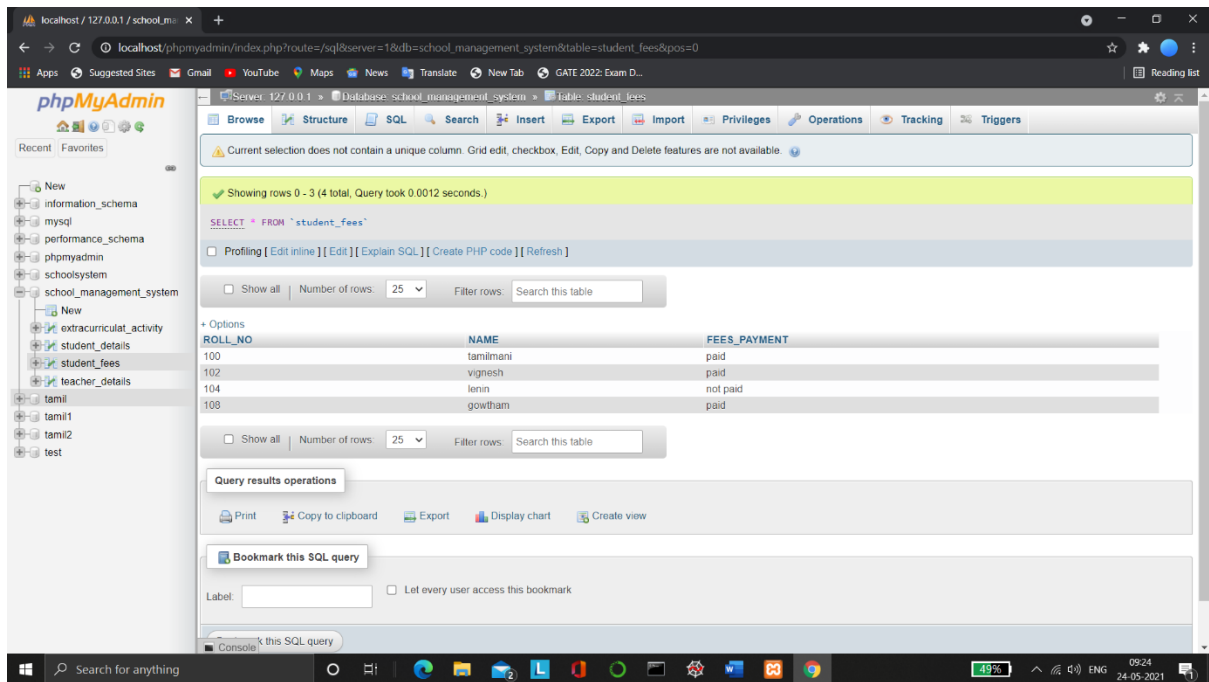
address is changed to “salem” from “turupur”.



The screenshot shows the phpMyAdmin interface for a database named 'school_management_system'. The table 'extracurriculat_activity' is selected, and the SQL query 'SELECT * FROM extracurriculat_activity' is executed. The results show 5 rows, with the last row (roll number 108) showing updated fees structure.

ROLL_NO	NAME	SWUMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEY_BALL	V_FEES	FOOT_BALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	no	yes	paid
106	monisha	no	no	no	no	no	no	no	no	no	no	no	no
108	gowtham	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid

CHANGES: name of roll number 108 is updated the fees structure for extracurricular activities.



CHANGES: name of roll number 108 is updated the fees structure for Academic and his name.

```

1 print("Successfully updated")
2 elif(ch==4):
3     roll_no=input("enter employee number to update:")
4     t_name=input("enter teacher name:")
5     t_age=input("enter teacher age:")
6     t_gender=input("enter teacher gender:")
7     t_address=input("enter address:")
8     cr.execute("UPDATE TEACHER_DETAILS SET name=%s ,age=%s, gender=%s, address=%s where emp_no=%s",(t_name,t_age,t_gender,t_address,emp_no));
9     db.commit()
10 elif(ch==5):

```

- User enter "4" to update details in teacher.

Output:

```

enter your choice: 4
enter employee number to update:51
enter teacher name:kalaiyarasi
enter teacher age:25
enter teacher gender:female
enter address:chennai

```

- Updated details are entered in table by users.
- Sql command "UPDATE TEACHER_DETAILS SET name=%s ,age=%s, gender=%s, address=%s where emp_no=%s",(t_name,t_age,t_gender,t_address,emp_no) is used to updates changes in database.
- Finally give commit to make changes in database.

Code output:

```

input("en
=input("e
e("UPDAT
()
input("em

```

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur
kalaiyarasi	51	25	female	chennai

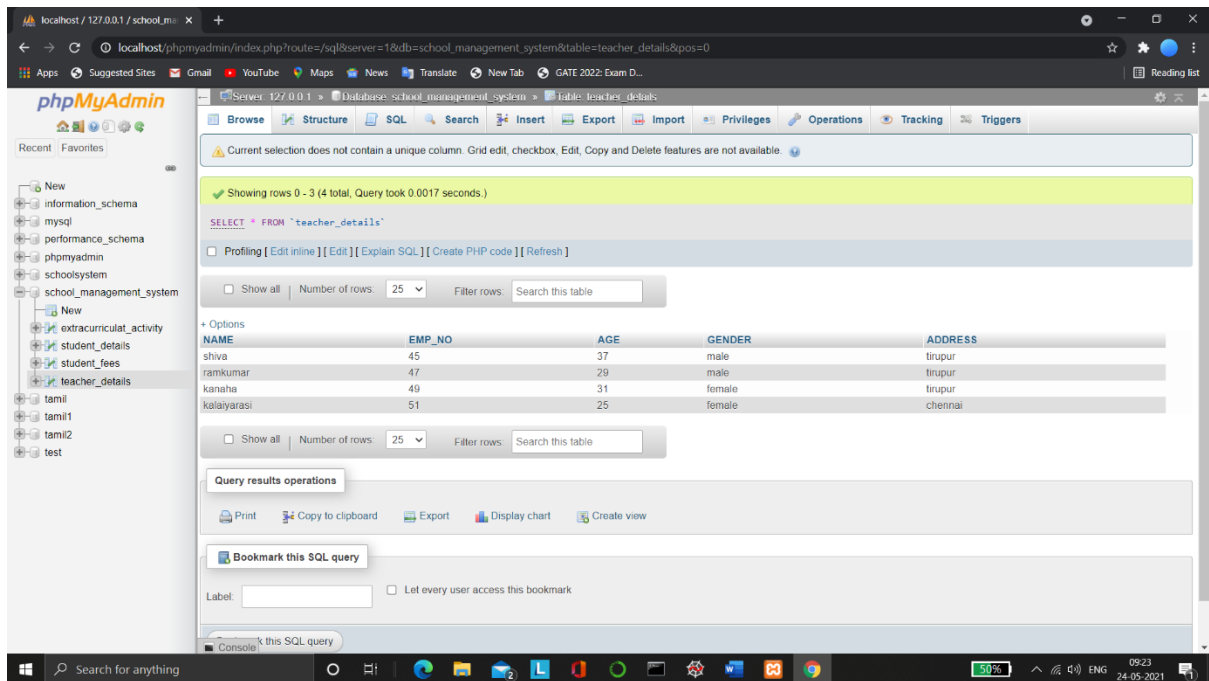
```

ROLL NO NAME FEES PAYMENT

```


Changes: emp_no 51 name has to be updated to kalaiyarasi from kalai and gender is updated

CHANGES IN DATABASE:



The screenshot shows the phpMyAdmin interface for a database named 'school_management_system'. The 'teacher_details' table is selected, and the SQL query 'SELECT * FROM teacher_details;' is executed. The results show 4 rows. The row for emp_no 51 has the name 'kalaiyarasi' and gender 'female'.

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	trupur
ramkumar	47	29	male	trupur
kanaha	49	31	female	trupur
kalaiyarasi	51	25	female	chennai

Kalai → kalaiyarasi

Male → female

```

elif(ch==5):
    roll_no=input("enter student's roll number to delete:")

    cr.execute("DELETE FROM STUDENT_DETAILS WHERE ROLL_NO= %s",(roll_no) );
    db.commit();

    cr.execute("DELETE FROM STUDENT_FEES WHERE ROLL_NO= %s",(roll_no) );
    db.commit();

    cr.execute("DELETE FROM EXTRACURRICULAT_ACTIVITY WHERE ROLL_NO= %s",(roll_no) );
    db.commit();

    print("details deleted succesfully ")
elif(ch==6):

```

- User enter “5” to delete rows in table student details, student fees, extracurricular by using roll_no as primary key.
- Sql command “DELETE FROM STUDENT_DETAILS WHERE ROLL_NO= %s” Is used to delete row in student details table.
- Finally give commit, like wise do same think for table student fees, extracurricular activity.

Output:

```

1.insert student's details
2.insert teacher's details
3.update student's details
4.update teacher's details
5.delete student's details
6.delete teacher's details
7.display details
8.Exit

enter your choice: 5

enter student's roll number to delete:106
details deleted succesfully

```

Code output:

enter your choice: 7

NAME	ROLL_NO	STD	AGE	GENDER	FATHER_NAME	ADDRESS
tamilmani	100	5	12	male	krishnamurthy	tirupur
vignesh	102	5	12	male	velmurugan	tirupur
lenin	104	5	12	male	kannan	tirupur
gowtham	108	5	12	male	arumugam	salem

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur
kalaiyarasi	51	25	female	chennai

ROLL_NO	NAME	FEES_PAYMENT
100	tamilmani	paid
102	vignesh	paid
104	lenin	not paid
108	gowtham	paid

ROLL_NO	NAME	SWUMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEYBALL	V_FEES	FOOTBALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	no	yes	paid
108	gowtham	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid

1.insert student's details

Changes: roll_no 106 is deleted

DELETE CHANGES IN DATABASE FOR STUDENTDETAILS,EXTRACURRICULAR ACTIVITY,STUDENT FEES:

localhost / 127.0.0.1 / school_m...

localhost/phpmyadmin/index.php?route=/sql&server=1&db=school_management_system&table=extracurriculat_activity&pos=0

Server: 127.0.0.1 - Database: school_management_system - Table: extracurriculat_activity

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 0.0017 seconds.)

SELECT * FROM "extracurriculat_activity"

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

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

ROLL_NO	NAME	SWUMMING	S_FEES	SILLABAM	SILL_FEES	KARATHE	K_FEES	VOLLEYBALL	V_FEES	FOOTBALL	F_FEES	MUSIC	M_FEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	no	yes	paid
108	gowtham	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid

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

Label: ☐ Let every user access this bookmark

Console: this SQL query

localhost / 127.0.0.1 / school_m... x +

localhost/phpmyadmin/index.php?route=/sql&server=1&db=school_management_system&table=student_fees&pos=0

phpMyAdmin

Recent Favorites

- New
- information_schema
- mysql
- performance_schema
- phpmyadmin
- schoolsystem
- school_management_system
 - New
 - extracurriculat_activity
 - student_details
 - student_fees
 - teacher_details
- tamil
- tamil1
- tamil2
- test

Database: school_management_system Table: student_fees

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 0.0017 seconds)

SELECT * FROM "student_fees"

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

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

ROLL_NO	NAME	FEES_PAYMENT
100	tamilmani	paid
102	vignesh	paid
104	lenin	not paid
108	gowtham	paid

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

Label: ☐ Let every user access this bookmark

Console

localhost / 127.0.0.1 / school_m... x +

localhost/phpmyadmin/index.php?route=/sql&server=1&db=school_management_system&table=extracurriculat_activity&pos=0

phpMyAdmin

Recent Favorites

- New
- information_schema
- mysql
- performance_schema
- phpmyadmin
- schoolsystem
- school_management_system
 - New
 - extracurriculat_activity
 - student_details
 - student_fees
 - teacher_details
- tamil
- tamil1
- tamil2
- test

Database: school_management_system Table: extracurriculat_activity

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 0.0012 seconds)

SELECT * FROM "extracurriculat_activity"

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

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

ROLL_NO	NAME	SWUMMING	S_FEEES	SILLABAM	SILL_FEEES	KARATHE	K_FEEES	VOLLEY_BALL	V_FEEES	FOOT_BALL	F_FEEES	MUSIC	M_FEEES
100	tamilmani	yes	paid	no	no	yes	paid	no	no	no	no	no	no
102	vignesh	no	no	no	no	no	no	yes	paid	yes	not paid	no	no
104	lenin	yes	paid	yes	not paid	yes	paid	no	no	no	no	yes	paid
108	gowtham	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid	yes	paid

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

Label: ☐ Let every user access this bookmark

Console

```

elif(ch==6):
    roll_no=input("enter employee number to delete:")
    cr.execute("DELETE FROM TEACHER_DETAILS WHERE EMP_NO= %s",(emp_no) );
    db.commit();

```

- User enter “6” to delete teacher details by using emp_no as primary key.
- Sql command DELETE FROM TEACHER_DETAILS WHERE EMP_NO= %s", (emp_no) is used to make change in table.
- Give commit to change in database.

Code output:

```

STUDENT_I      paid
                1.insert student's details
                2.insert teacher's details
                3.update student's details
STUDENT_I      4.update teacher's details
                5.delete student's details
EXTRACURRICUL  6.delete teacher's details
                7.display details
                8.Exit
                enter your choice: 6
successfully

```

gowtham	108	35	male	arundel
NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur

Change:emp_no=51 is deleted

CHANGES IN DATABASE FOR TEACHER DETAILS:

The screenshot shows the phpMyAdmin web interface in a browser. The left sidebar displays the database structure, with 'school_management_system' selected. The main panel shows the 'teacher_details' table. A message indicates that the current selection does not contain a unique column, so grid edit, checkbox, Edit, Copy, and Delete features are not available. The table structure is defined by the following SQL query:

```
SELECT * FROM `teacher_details`
```

Below the query, there are options for 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. The table data is displayed as follows:

NAME	EMP_NO	AGE	GENDER	ADDRESS
shiva	45	37	male	tirupur
ramkumar	47	29	male	tirupur
kanaha	49	31	female	tirupur

Below the table, there are options for 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. The 'Query results operations' section includes links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. There is also a 'Bookmark this SQL query' section with a 'Label' input field and a checkbox for 'Let every user access this bookmark'.

```

print("Successfully inserted");
elif(ch==7):

    q1 = "SELECT * FROM STUDENT_DETAILS"
    cr.execute(q1);
    result1=cr.fetchall();
    q1 = "SELECT * FROM STUDENT_FEES"
    cr.execute(q1);
    result2=cr.fetchall();
    cr.execute( "SELECT * FROM EXTRACURRICULAT_ACTIVITY");
    result3=cr.fetchall();
    q1 = "SELECT * FROM TEACHER_DETAILS"
    cr.execute(q1);
    result4=cr.fetchall();
    print(tabulate(result1,headers=["NAME","ROLL_NO","STD","AGE","GENDER","FATHER_NAME","ADDRESS"]))
    print(tabulate(result4,headers=["NAME","EMP_NO","AGE","GENDER","ADDRESS"]))
    print(tabulate(result2,headers=["ROLL_NO","NAME","FEES_PAYMENT"]))
    print(tabulate(result3,headers=["ROLL_NO","NAME", "SWIMMING" ," S_FEES","SILLABAM","SILL_FEES" , "KARATHE" ,"K_FEES" , "VOLLEY_BALL","V_FEES",
elif(ch==3):

```

- User enter “7” display all the details in all tables.
- Sql command SELECT * FROM STUDENT_DETAILS display all value in table STUDENT_DETAILS
- Sql command "SELECT * FROM STUDENT_FEES" display all value in table STUDENT_FEES
- Sql command SELECT * FROM EXTRACURRICULAT_ACTIVITY display all value in table EXTRACURRICULAT_ACTIVITY
- Sql command "SELECT * FROM TEACHER_DETAILS display all value in table TEACHER_DETAILS

Code output:

```
enter your choice: 7
NAME      ROLL_NO  STD  AGE  GENDER  FATHER_NAME  ADDRESS
-----
tamilmani 100      5    12  male    krishnamurthy  tirupur
vignesh   102      5    12  male    velmurugan    tirupur
lenin     104      5    12  male    kannan        tirupur
monisha   106      5    12  female  malai         tirupur
gwotham   108      5    12  male    arumugam      tirupur
NAME      EMP_NO  AGE  GENDER  ADDRESS
-----
shiva     45     37  male    tirupur
ramkumar  47     29  male    tirupur
kanaha    49     31  female  tirupur
kalai     51     32  male    tirupur
ROLL_NO  NAME      FEES_PAYMENT
-----
100      tamilmani  paid
102      vignesh   paid
104      lenin     not paid
106      monisha   paid
108      gwotham   paid
ROLL_NO  NAME      SWIMMING  S_FEES  SILLABAM  SILL_FEES  KARATHE  K_FEES  VOLLEY_BALL  V_FEES  FOOT_BALL  F_FEES  MUSIC  M_FEES
-----
100      tamilmani  yes       paid    no        no         yes      paid    no          no      no        no      no      no
102      vignesh   no        no      no        no         no      no      yes         paid    yes       not paid  no      no
104      lenin     yes      paid    yes       not paid   yes      paid    no          no      no        no      yes    paid
106      monisha   no        no      no        no         no      no      no          no      no        no      no      no
108      gwotham   no        no      no        no         no      no      yes         paid    no        no      yes    not paid

1.insert student's details
2.insert teacher's details
```

```
elif(ch==8):
    break;
else:
    print("<<< invalid entry! try again >>>")
```

- User enter "8" to exit
- Unless user enter rather then other number "0 -8" print a message called "<<< invalid entry! Try again >>>"

Code output:

```
In [1]: runfile('D:/DBMS_MINIPROJECT.py', wdir='D:')
1.insert student's details
2.insert teacher's details
3.update student's details
4.update teacher's details
5.delete student's details
6.delete teacher's details
7.display details
8.Exit

enter your choice: 10
<<< invalid entry! try again >>>
```

CONCLUSION:

Thus, the demonstration of school management system is implemented.