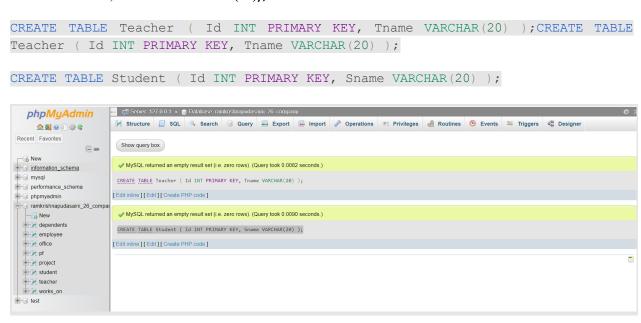
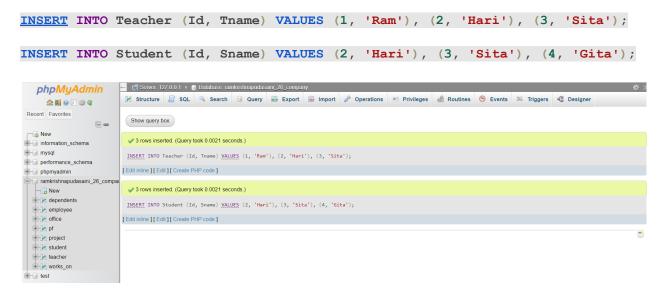
#### LAB Assignment - 4

1. Create tables Teacher (ld INT PRIMARY KEY, Tname VARCHAR(20)) and Student (id INT PRIMARY KEY, Sname VARCHAR(20));

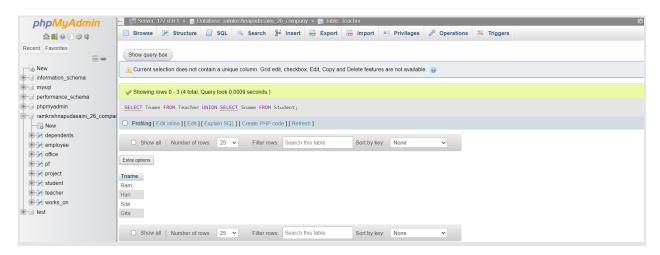


2. Insert values like {("1,"Ram"), (2,"Hari"), (3,"Sita")} in Teacher and {("2,"Hari"), (3,"Sita"), (4,"Gita")} in Student.

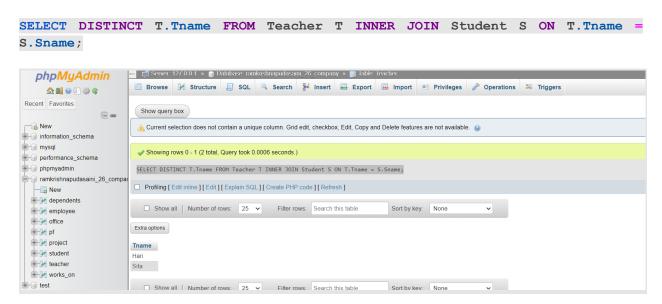


3. Write query to find names of Union of Teacher and Student.

SELECT Tname FROM Teacher UNION SELECT Sname FROM Student;



4. Write query to find intersection of names Teacher and Student using Distinct and Inner Join

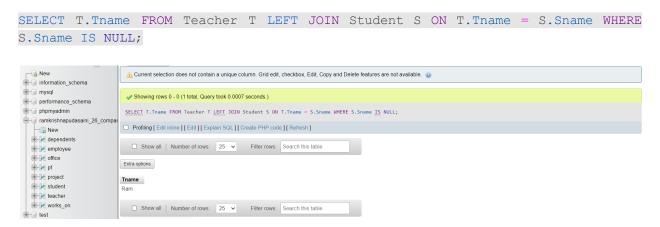


5. Write query to find intersection of names Teacher and Student using IN and Sub query



6. Write query to find Teacher MINUS Student using Left Join

SELECT COUNT(\*) FROM ramkrishnapudasaini 26 company.Office;



7. Find the number of offices in the Office table from the COMPANY Database in Lab-1 using COUNT function.

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

Your SQL query has been executed successfully.

SELECT COUNT(\*) FROM ramkrishnapudasaini\_26\_company.Office;

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

Extra options

COUNT(\*)

6

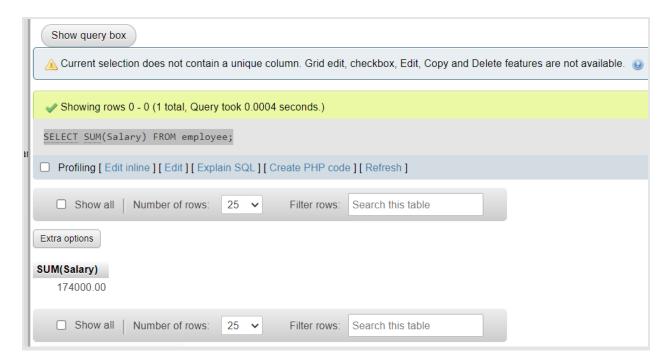
#### 8. Write a query to count the distinct names of Employees.

SELECT COUNT (DISTINCT Ename) FROM employee;



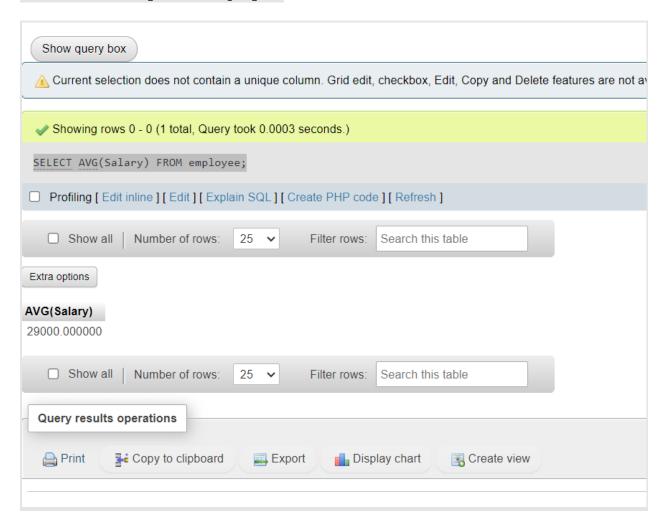
#### 9. Write a query to find sum of salary of Employees.

SELECT SUM(Salary) FROM employee;



### 10. Write a query to find average of salary of Employees.

SELECT AVG(Salary) FROM employee;



## 11. Write a query to find Maximum PF Amount from the PF Table.

SELECT MAX (Amount) FROM pf; phpMyAdmin Server 127.0.0.1 » 🕤 Dalabase ramkrishnapudasaini\_26\_company » 🕞 Table pt 🛅 Browse 📝 Structure 📋 SQL 🔍 Search 👺 Insert 📟 Export 🕮 Import 🖭 Privileges 🥜 Operations 🗯 Triggers Recent Favorites Show query box New information\_schema 🛕 Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. 🔞 mysql mysql + performance\_schema + phpmyadmin SELECT MAX(Amount) FROM pf; namkrishnapudasaini\_26\_compar ☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ] dependents ☐ Show all Number of rows: 25 ∨ Filter rows: Search this table employee ⊕- M office Extra options Columns

B New

Mount (decimal, NUL MAX(Amount)

# 12. Write a query to find Minimum PF Amount from the PF Table.

SELECT MIN (Amount) FROM pf;

