

Lab 4: Set Operations and Aggregate Functions

Prepare Lab Sheet of MYSQL Statements for following.

1. Create tables Teacher (Id 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 Union of Teacher and Student.
4. Write query to find Intersection of Teacher and Student.
5. Write query to find intersection of names Teacher and Student using Distinct and Inner Join
6. Write query to find intersection of names Teacher and Student using IN and Sub query
7. Write query to find Teacher MINUS Student using Left Join
8. Find the number of offices in the Office table from the COMPANY Database in Lab-1 using COUNT function.
9. Write a query to count the distinct names of Employees.
10. Write a query to find sum of salary of Employees.
11. Write a query to find average of salary of Employees.
12. Write a query to find Maximum PF Amount from the PF Table.
13. Write a query to find Minimum PF Amount from the PF Table.

Notes:

- **Make sure your database tables have appropriate relevant data inserted before.**
- **Your lab report format and submission guidelines are same as mentioned in LAB-1.**