

Experiment -10

- AIM :- For a particular set of relational schemes. Create tables and perform the following simple queries with aggregate function queries with Aggregate functions.

- Giving Some Examples of DB2 queries with the mentioned features.

```
CREATE Table employee (  
    empID INT primary Key,  
    emp_name VARCHAR (50)  
    department VARCHAR (50),  
    Salary DECIMAL (10,2),  
    Hiredate DATE  
);
```

- 1) Select emp-name, Salary
from employee.
where department = "IT";
- 2) Select department, AVG (Salary)
from employees
Group by department

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• Aggregate function

Select department, AVG (Salary)
from employees;

• Date function

Select emp_name, Date diff ("Years", hiredate
Current Date as years - worked from
employees

• String function

Select emp_name, Concat ("Hello", emp_name)
as greeting from employees;

• Math function

Select emp_name, Salary * 1.1 As new -
Salary from employees.

• Inner query

Select employee emp_name, dept, dept_name
from employee.

Inner join dept

ON employee, deptID = dept, dept ID;

• IN clause

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```
Select emp- name, dept
from employees
where dept. IN (
Select dept- name
from dept;
```

- Conclusion :- The given task to perform queries operations has been done successfully.

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