

Assignment-03

3. Top 3 departments with highest average salary

AIM

To write a SQL query to find the top 3 departments with the highest average salary of employees. Ensure departments with no employee show an average salary of NULL.

MATERIALS REQUIRED

Data modular software and SQL

SQL COMMANDS

→ Create Table 1:

→ Create table departments (
dep-ID int,
dep-name varchar (50)
);

→ Insert values

→ Insert into department
values (1, 'HR');

→ Insert into department
values (2, 'Finance');

→ Insert into department
values (3, 'Marketing');

→ Insert into department
values (4, 'IT');

→ Displaying table

Select * from department;

dep-ID	dep-name
1	HR
2	Finance
3	Marketing
4	IT

→ Creating table 2:

```
Create table employees (  
  employee_id int  
  employee_name varchar(50),  
  dept_id int  
  salary decimal(10,2)  
);
```

→ Insert values

→ Insert into employees values

(1, 'John', 1, 50000.00);

→ Insert into employees values

(2, 'Jane', 1, 55000.00);

→ Insert into employees values

(3, 'Mike', 2, 60000.00);

→ Displaying table 2

select * from employees

Emp-ID	Emp-name	dep-ID	Salary
1	John	1	50000.00
2	Jane	1	55000.00
3	Mike	2	60000.00

→ Finding Average Salary.

→ select d.departmentID, d.departmentName,

(select avg (e.salary)

from employee e

where e.departmentID = d.departmentID)

As Avg salary

from department d

Order by Avg salary desc;

dept-ID	dept-name	Avg Salary
4	IT	-
3	Marketing	61500
2	Finance	59000
1	HR	52500

Result

The average salary of the employees of the top 3 departments are found.