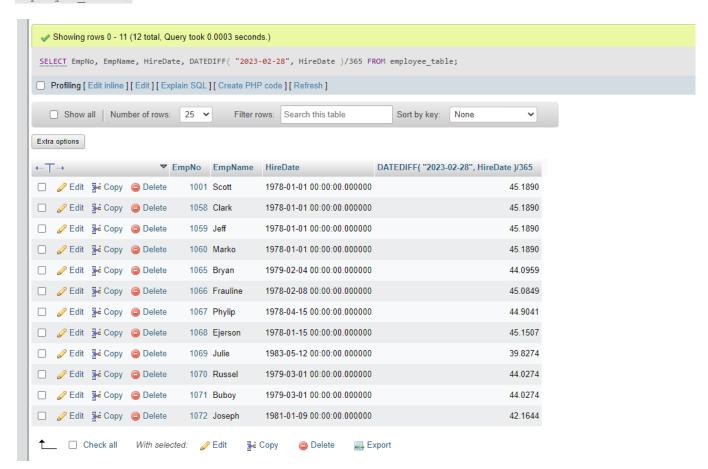
SQL Hands On 3

Instruction:

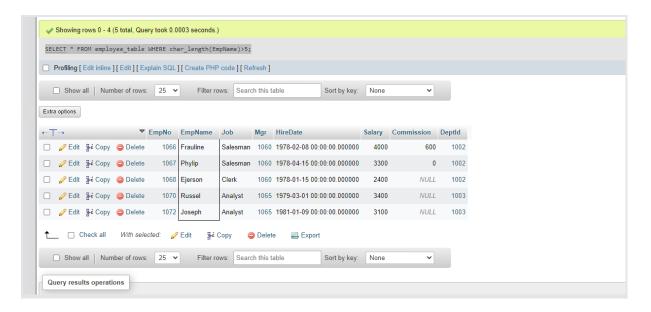
1. Create a query to gell all employees who have more than 25 years of experienced.

SELECT EmpNo, EmpName, HireDate, DATEDIFF("2023-02-28", HireDate)/365 FROM employee table;



2. Create a query to gell employees whose names are more than 5 character long.

SELECT * FROM employee table WHERE char length(EmpName) > 5;



3. Create a query to display total salary combined with commission of all employees.

SELECT EmpName, Commission, Salary + coalesce (Commission, 0) as total salary FROM employee table; SELECT EmpName, Commission, Salary + coalesce(Commission, 0) as total_salary FROM employee_table; ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh] ☐ Show all Number of rows: 25 ✔ Filter rows: Search this table Sort by key: None Extra options ←T→ ▼ EmpName Commission total_salary NULL 5000 NULL 4000 4000 500 NULL □ Ø Edit ♣ Copy ⊜ Delete Marko 4000 300 3300 600 4600 ☐ Ø Edit ♣ Copy Delete Phylip 0 3300 NULL 2400 ☐ Ø Edit ♣ Copy Delete Julie NULL 2000 NULL 3400 NULL 3600 NULL 3100

coalesce can be used to specify multiple substitutions for a null value (in order of preference, where if the 2nd is also null, it tries the 3rd, then the 4th, etc. until a not null value is reached) and works in most databases.

4. Create a query to display annual salary of all employees.



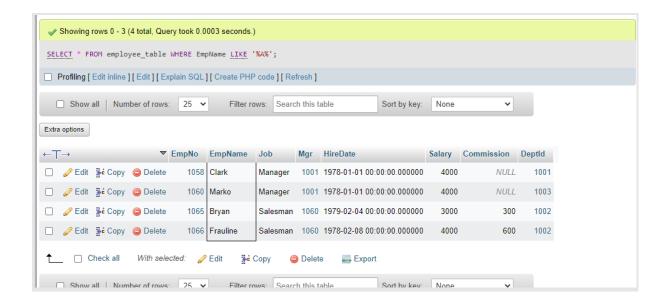
5. Create a query to display current Date.



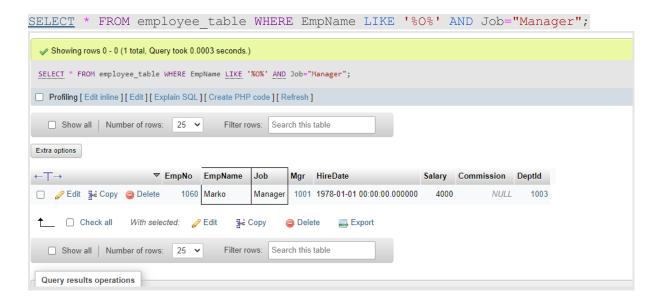
6. Create a query to get all employees who don't get commission.



7. Create a query to get all employees whose name contains character 'a' SELECT * FROM employee_table WHERE EmpName LIKE '%A%';



8. Create a query to Get All employees working with the president whose name end with 'o'.

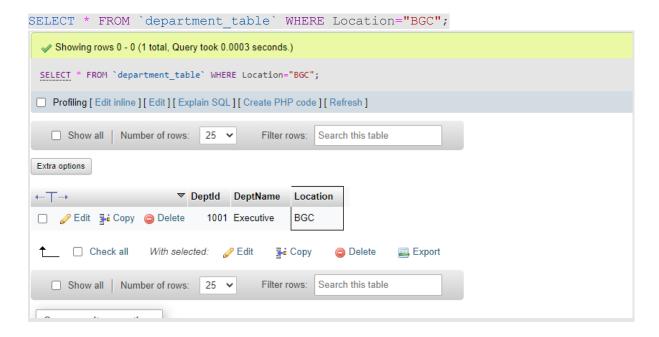


9. Create a query to Get the Min, Max and Average Salary of all the employees.

```
SELECT MIN (Salary), MAX (Salary), AVG (Salary) FROM employee table;
```

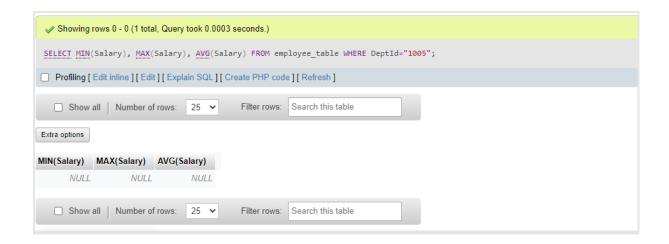


10. Create a query to get the department details of employees working at BGC.

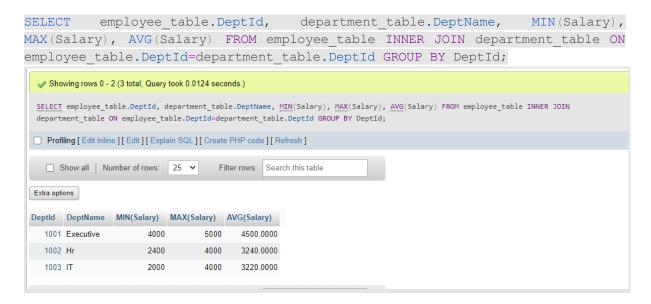


11. Create a query to Get the Min , Max and Average Salary of all the employees working in Marketing Department.

```
SELECT MIN(Salary), MAX(Salary), AVG(Salary) FROM employee_table WHERE
DeptId="1005";
```



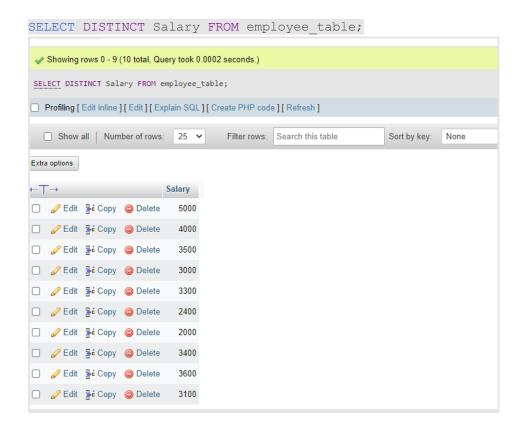
12. Create a query to get the department wise maximum, minimum and average salary on employee table(Hint: use Inner Join).



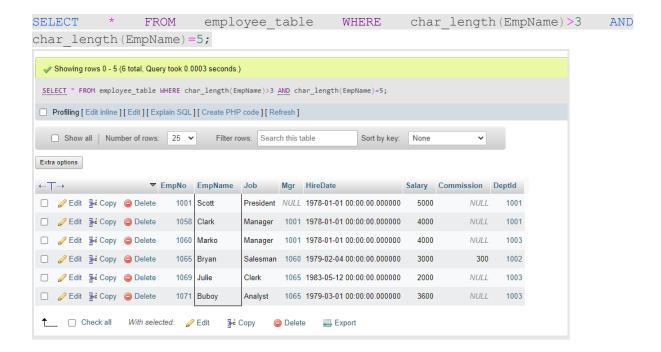
13. Create a query to count total number of employees.



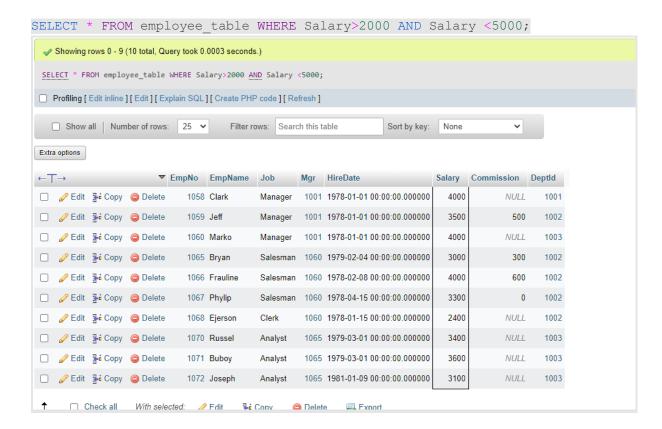
14. Create a query to display distinct salaries in employee table.



15. Create a query to get all employees whose names length is greater than 3 character and less than 5.



16. Create a query to ger all employees who are getting salary 2000, 3000, 4000, 5000.



- 17. Create a query to get the top 5 highest paid employee.
- 18. Create a query to get the least 5 salaries of employee table.

SELECT DISTINCT Salary FROM employee table ORDER BY Salary DESC LIMIT 5; SELECT DISTINCT Salary FROM employee table ORDER BY Salary DESC LIMIT 5; ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh] Extra options **←**T→ 5000 □ Ø Edit ☐ Copy ☐ Delete 4000 3600 3500 □ Ø Edit ♣ Copy ⊜ Delete 3400 Check all With selected: **∓** Copy Delete Export

18. Create a query to get the least 5 salaries of employee table.



19. Create a query to get the total no departments in the organization.



20. Create a query to get the Highest paid department with the average salary.

SELECT Deptid, AVG(SALARY) AS MAX_AVG_SALARY FROM employee_table GROUP BY Deptid ORDER BY AVG(SALARY) DESC;

