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|  | | DB LAB 04 | | | | |  | |
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|  | | | | Basil Ali Khan(20K-0477) |  | | | |
|  | | | | 14 Sepetember 2022—Database and Management System Lab—Sir Ahmed Budhi |  | | | |
|  | | |  | | |  | | |

Task#01:

SELECT Employee\_Id, First\_Name, Salary, Department\_Id

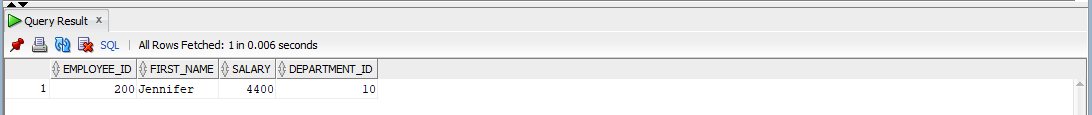
FROM HR.EMPLOYEES

WHERE Department\_Id = 10

AND SALARY >= (SELECT MIN(Salary)

FROM HR.EMPLOYEES

WHERE Department\_Id = 30);



Task#02:

SELECT Employee\_Id, First\_Name, Salary, Department\_Id

FROM HR.EMPLOYEES

WHERE Department\_Id <> 30

AND SALARY > (SELECT MAX(Salary)

FROM HR.EMPLOYEES

WHERE Department\_Id = 30);



Task#03:

SELECT Department\_Id

FROM HR.Employees

WHERE Department\_Id NOT IN (SELECT Department\_Id

FROM HR.EMPLOYEES);



Task#04:

SELECT First\_Name, Last\_Name, Department\_ID, Salary

FROM HR.EMPLOYEES

WHERE Department\_Id IN (SELECT Department\_Id

FROM HR.EMPLOYEES

WHERE Commission\_Pct IS NOT NULL)

AND Salary IN (SELECT Salary

FROM HR.EMPLOYEES

WHERE Commission\_Pct IS NOT NULL);

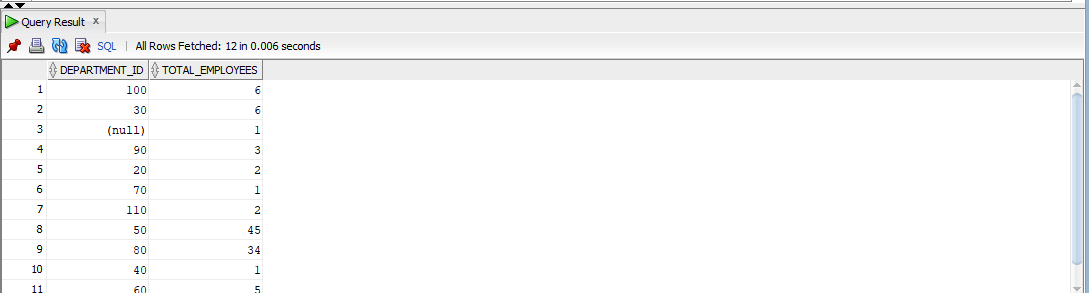


Task#05:

SELECT Department\_Id, COUNT(Employee\_Id) AS Total\_Employees

FROM HR.EMPLOYEES

GROUP BY Department\_Id;



Task#06:

SELECT Department\_Id, MAX(Salary) AS Maximum\_Salary

FROM HR.EMPLOYEES

GROUP BY Department\_Id

HAVING MAX(Salary) > 2900;



Task#07:

SELECT Job\_Id, SUM(Salary) AS Total\_Payroll

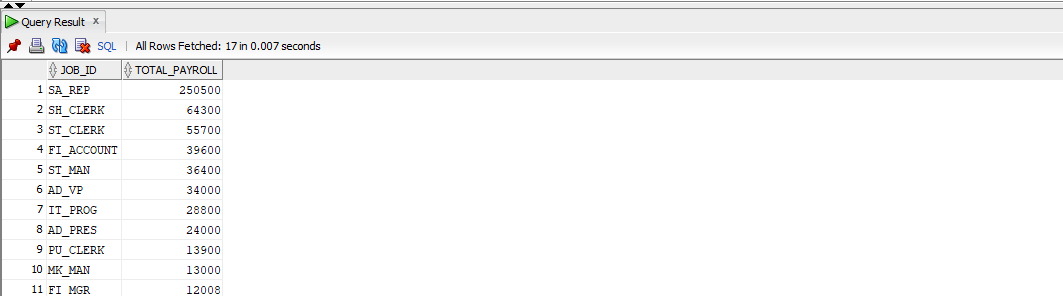
FROM HR.EMPLOYEES

WHERE job\_id <> 'SA\_MAN'

GROUP BY Job\_Id

HAVING SUM(Salary) > 5000

ORDER BY SUM(Salary) DESC;



Task#08:

SELECT Department\_Id, COUNT(Employee\_Id) AS Number\_Of\_Employees

FROM HR.EMPLOYEES

GROUP BY Department\_Id

HAVING COUNT(Employee\_Id) > 3;

