ASSIGNMENT-4

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Create database Organisation

Create Table Employee ( Employee Int Primary key,

First\_name Varchar(50),

Last\_name Varchar(50),

Salary Decimal(10,3),

City Varchar(20),

Dept\_Id Int);

Alter table Employee Alter column Employee\_Id Int NOT NULL;

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (001,'Harishankar Giri','Giri',50000,'Banglore','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (002,'Prjjnkuh','Singh',40000,'Hyderabad','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (003,'Hero','Mohanty',35000,'Mumbai','200');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (004,'Rakul','Sethi',50000,'Delhi','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (005,'Sund','Maharana',40000,'Banglore','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (006,'Pelua','Ghosh',45000,'Hyderabad','300');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (007,'Priyam','Nayak',50000,'Banglore','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (008,'Hia','Gaa',30000,'Nagpur','500');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (009,'Bitu','Mohanty',60000,'Mumbai','100');

Insert Into Employee (Employee\_Id,First\_name,Last\_name,Salary,City,Dept\_Id)

Values (010,'Sambit','Mishra',25000,'Bhubnaswer','500');

Select\* from Employee

---Select all feilds from the Employee table whose salary is less than or equal to 35000 ---

select \* from Employee where Salary <= 35000

---Select employees whose name ends with A---

select First\_name from Employee where First\_name LIKE '%A'

---Select the details of Employees whose city is Delhi or Mumbai---

select \* from Employee where City = 'Delhi' or City = 'Mumbai'

---Create a query to display the unique salaries in Employee table ---

Select Distinct Salary From Employee

--- Create a query to display the first name, last name, salary, and salary after a raise of 20%. Name the last column (salary after a raise) heading as "ANNUAL SAL"---

Select First\_name,Last\_name,Salary , (Salary + Salary\*0.2) as 'Annual\_Sal' from Employee

--- Select top 5 earners from the Employee table ---

SELECT top 5 Employee\_Id , First\_name,Last\_name ,Salary FROM Employee ORDER BY Salary Desc

---Select employee id and employee names of those employees from the table whose salaries are greater than the salary of employees who lives in a particular city (city can be user choice like Delhi, Mumbai or Hyderabad) ---

select Employee\_Id, First\_name, Last\_name from Employee where salary >ALL(SELECT Salary FROM Employee WHERE city = 'Hyderabad')

---Select all employees whose department number equals 10, 30 or 40.---

select \* from Employee where Dept\_Id = 100 or dept\_id = 300 or dept\_id = 400

--- Write an SQL query to fetch the list of employees with the same salary.---

SELECT Employee\_Id, First\_name, Salary From

(

SELECT Employee\_Id, First\_name, Salary, Count(\*) Over (Partition by salary) as SalaryCnt

FROM Employee

) S1

WHERE SalaryCnt>1

ORDER By Salary

--- Write an SQL query to show the second highest salary from a table.---

Select Max(Salary) as Salary from Employee where Salary <(select MAX(Salary) from Employee)