SUBQUERIES EMP,DEPT QN WITH ANS

--PRITHIVIRAJ S

--First, find all departments located at the location whose id is 1700:

--ANS

SELECT \*

FROM XX\_DEPARTMENTS\_2596

WHERE LOCATION\_ID =1700

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--• Find all employees who do not locate at the location 1700

--ANS

SELECT FIRST\_NAME,LAST\_NAME

FROM XX\_EMPLOYEES\_2596 EMP--,XX\_DEPARTMENTS\_2596 DEP

JOIN XX\_DEPARTMENTS\_2596 DEPT ON DEPT.DEPARTMENT\_ID = EMP.DEPARTMENT\_ID

WHERE DEPT.LOCATION\_ID NOT LIKE '1700'

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--• find the employees who have the highest salary

--ANS

SELECT \* FROM XX\_EMPLOYEES\_2596

WHERE SALARY=(SELECT MAX(SALARY) FROM XX\_EMPLOYEES\_2596)

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--• find all employees who salaries are greater than the average salary of all employees

--ANS

SELECT \* FROM XX\_EMPLOYEES\_2596 WHERE SALARY > (SELECT AVG(SALARY) FROM XX\_EMPLOYEES\_2596)

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--• find all departments which have at least one employee with the salary is greater than 10,000:

--ANS

SELECT DEPT.DEPARTMENT\_NAME,EMP.SALARY

FROM XX\_DEPARTMENTS\_2596 DEPT

JOIN XX\_EMPLOYEES\_2596 EMP ON DEPT.DEPARTMENT\_ID = EMP.DEPARTMENT\_ID

WHERE EMP.SALARY > 10000

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--• find all employees whose salaries are greater than the lowest salary of every department:

SELECT EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME

FROM XX\_EMPLOYEES\_2596 EMP

JOIN XX\_DEPARTMENTS\_2596 DEPT ON DEPT.DEPARTMENT\_ID = EMP.DEPARTMENT\_ID

WHERE EMP.SALARY > (SELECT MIN(SALARY) FROM XX\_EMPLOYEES\_2596)

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--• find the salaries of all employees, their average salary, and the difference between the salary of each employee and the average salary.

SELECT SALARY,EMPLOYEE\_ID,(MIN\_SALARY + MAX\_SALARY)/2 AVERAGE,(MIN\_SALARY + MAX\_SALARY)/2 - SALARY AS DIFF

FROM XX\_EMPLOYEES\_2596 EMP

JOIN XX\_JOBS\_2596 J ON J.JOB\_ID = EMP.JOB\_ID

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--• List the Employees whose name starts with “Ni”

--ANS

SELECT FIRST\_NAME,LAST\_NAME

FROM XX\_EMPLOYEES\_2596

WHERE FIRST\_NAME LIKE 'Ni%'

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--• List the Employees whose name starts with S,N,T characters.

--ANS

SELECT FIRST\_NAME,LAST\_NAME FROM XX\_EMPLOYEES\_2596 WHERE FIRST\_NAME LIKE 'S%' OR FIRST\_NAME LIKE 'N%' OR FIRST\_NAME LIKE 'T%'

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--• What is query to display odd rows from the Employees table?

--ANS

SELECT \* FROM XX\_EMPLOYEES\_2596 WHERE MOD(ROWNUM,2)=1

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--• Find Query to get information of Employee where Employee is not assigned to the department

SELECT \*

FROM XX\_EMPLOYEES\_2596 EMP

RIGHT JOIN XX\_DEPARTMENTS\_2596 DEPT ON EMP.DEPARTMENT\_ID =DEPT.DEPARTMENT\_ID

WHERE EMP.DEPARTMENT\_ID =NULL;

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--• How to fetch all the records from Employee whose joining year is 2018?

SELECT \* FROM XX\_EMPLOYEES\_2596 EMP

WHERE

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--• How Do you find all Employees with its managers?(Consider there is manager id also in Employee table)

SELECT \* FROM XX\_EMPLOYEES\_2596 WHERE MANAGER\_ID = NULL;

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--• Display 3 to 7 records from Employee table.

SELECT \* FROM XX\_EMPLOYEES\_2596 WHERE ROWNUM >= 3 AND ROWNUM <= 7

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