**ASSIGMENT-3**

**DATE:7-2-23**

-- 1. write a SQL query to find Employees who have the biggest salary in their Department

SELECT E.emp\_name,E.salary,D.dept\_name

FROM EMPLOYEE E

INNER JOIN DEPARTMENT D

ON D.dept\_id =E.dept\_id

WHERE E.salary IN (SELECT MAX(salary)

FROM EMPLOYEE GROUP BY dept\_id)

-- 2. write a SQL query to find Departments that have less than 3 people in it

SELECT DEPARTMENT.dept\_name,COUNT(EMPLOYEE.dept\_id)

FROM DEPARTMENT

INNER JOIN EMPLOYEE

ON DEPARTMENT.dept\_id =EMPLOYEE.dept\_id

GROUP BY DEPARTMENT.dept\_name

HAVING COUNT(\*) <3;

-- 3. write a SQL query to find All Department along with the number of people there

SELECT DEPARTMENT.dept\_name,COUNT(EMPLOYEE.dept\_id)

FROM DEPARTMENT

INNER JOIN EMPLOYEE

ON DEPARTMENT.dept\_id =EMPLOYEE.dept\_id

GROUP BY DEPARTMENT.dept\_name

-- 4. write a SQL query to find All Department along with the total salary there

SELECT DEPARTMENT.dept\_name,SUM(EMPLOYEE.salary)

FROM DEPARTMENT

INNER JOIN EMPLOYEE

ON DEPARTMENT.dept\_id =EMPLOYEE.dept\_id

GROUP BY DEPARTMENT.dept\_name;

