**

***NAME***  *: M TULAIB*

***SAP ID*** *: 59290*

***SECTION***  *: BS SE - III*

***SUBJECT***  *: DATA BASE*

***DEPARTMENT***  *: SOFTWARE ENGENERING*

***DB LAB TASK 7***

CREATE TABLE employee21 (

employee\_id NUMBER PRIMARY KEY,

name VARCHAR2(100),

salary NUMBER(10,2),

joining\_date DATE,

department VARCHAR2(50)

);

INSERT INTO employee21 VALUES (1, 'Alice Johnson', 60000, TO\_DATE('2020-03-15', 'YYYY-MM-DD'), 'HR');

INSERT INTO employee21 VALUES (2, 'Bob Smith', 72000, TO\_DATE('2018-06-20', 'YYYY-MM-DD'), 'Finance');

INSERT INTO employee21 VALUES (3, 'Aamir Khan', 58000, TO\_DATE('2021-01-10', 'YYYY-MM-DD'), 'IT');

INSERT INTO employee21 VALUES (4, 'David Lee', 54000, TO\_DATE('2022-04-01', 'YYYY-MM-DD'), 'Marketing');

INSERT INTO employee21 VALUES (5, 'Angela White', 67000, TO\_DATE('2019-09-25', 'YYYY-MM-DD'), 'HR');

INSERT INTO employee21 VALUES (6, 'Charles Brown', 49000, TO\_DATE('2017-11-11', 'YYYY-MM-DD'), 'IT');

INSERT INTO employee21 VALUES (7, 'Andrew Miles', 75000, TO\_DATE('2023-02-12', 'YYYY-MM-DD'), 'Finance');

INSERT INTO employee21 VALUES (8, 'Amanda Clark', 69000, TO\_DATE('2020-12-05', 'YYYY-MM-DD'), 'HR');

INSERT INTO employee21 VALUES (9, 'Brian Lewis', 65000, TO\_DATE('2021-07-15', 'YYYY-MM-DD'), 'IT');

INSERT INTO employee21 VALUES (10, 'Eva Green', 71000, TO\_DATE('2019-03-30', 'YYYY-MM-DD'), 'Marketing');

SELECT \* FROM employee21

WHERE salary BETWEEN 55000 AND 70000;

SELECT \* FROM employee21

WHERE joining\_date NOT BETWEEN TO\_DATE('2019-01-01', 'YYYY-MM-DD')

AND TO\_DATE('2021-12-31', 'YYYY-MM-DD');

SELECT \* FROM employee21

WHERE name LIKE 'A%';

SELECT department, COUNT(\*) AS employee\_count

FROM employee21

GROUP BY department;

SELECT department, COUNT(\*) AS employee\_count

FROM employee21

GROUP BY department

HAVING COUNT(\*) > 1;

SELECT \* FROM employee21

ORDER BY salary DESC;









