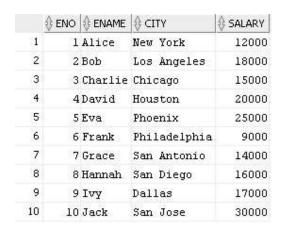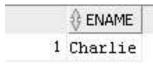```
--experiment 3
-- Digvijay Patil
-- Division B
-- PRN 2122000814

CREATE TABLE emp2 (
    eno INT PRIMARY KEY,
    ename VARCHAR(50),
    city VARCHAR(50),
    salary DECIMAL(10, 2)
);

INSERT INTO emp2 (eno, ename, city, salary) VALUES (1, 'Alice', 'New York', 12000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (2, 'Bob', 'Los Angeles', 18000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (3, 'Charlie', 'Chicago', 15000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (4, 'David', 'Houston', 20000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (5, 'Eva', 'Phoenix', 25000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (6, 'Frank', 'Philadelphia', 9000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (7, 'Grace', 'San Antonio', 14000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (8, 'Hannah', 'San Diego', 16000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (9, 'Ivy', 'Dallas', 17000);
INSERT INTO emp2 (eno, ename, city, salary) VALUES (10, 'Jack', 'San Jose', 30000);

CREATE TABLE emphor1 AS
SELECT * FROM emp2 WHERE salary <= 15000;

CREATE TABLE emphor2 AS
SELECT * FROM emp2 WHERE salary > 15000;

CREATE TABLE empver1 AS
SELECT eno, ename FROM emp2;

CREATE TABLE empver2 AS
SELECT eno, city, salary FROM emp2;

SELECT * FROM emp2;
```
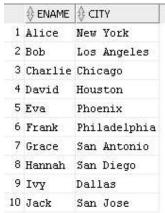
| | ENO | ENAME | CITY | SALARY |
|---|---|---|---|---|
| 1 | 1 | Alice | New York | 12000 |
| 2 | 2 | Bob | Los Angeles | 18000 |
| 3 | 3 | Charlie | Chicago | 15000 |
| 4 | 4 | David | Houston | 20000 |
| 5 | 5 | Eva | Phoenix | 25000 |
| 6 | 6 | Frank | Philadelphia | 9000 |
| 7 | 7 | Grace | San Antonio | 14000 |
| 8 | 8 | Hannah | San Diego | 16000 |
| 9 | 9 | Ivy | Dallas | 17000 |
| 10 | 10 | Jack | San Jose | 30000 |

SELECT ename FROM emp2 WHERE salary = 15000;

| | ENAME |
|---|---|
| 1 | Charlie |

SELECT ename, city FROM emp2 WHERE salary BETWEEN 15000 AND 25000;

| | ENAME | CITY |
|---|---|---|
| 1 | Bob | Los Angeles |
| 2 | Charlie | Chicago |
| 3 | David | Houston |
| 4 | Eva | Phoenix |
| 5 | Hannah | San Diego |
| 6 | Ivy | Dallas |

SELECT e.ename, v.city
FROM empver1 e
JOIN empver2 v ON e.eno = v.eno;

| | ENAME | CITY |
|---|---|---|
| 1 | Alice | New York |
| 2 | Bob | Los Angeles |
| 3 | Charlie | Chicago |
| 4 | David | Houston |
| 5 | Eva | Phoenix |
| 6 | Frank | Philadelphia |
| 7 | Grace | San Antonio |
| 8 | Hannah | San Diego |
| 9 | Ivy | Dallas |
| 10 | Jack | San Jose |

SELECT * FROM emphor1;

| | ENO | ENAME | CITY | SALARY |
|---|---|---|---|---|
| 1 | 1 | Alice | New York | 12000 |
| 2 | 3 | Charlie | Chicago | 15000 |
| 3 | 6 | Frank | Philadelphia | 9000 |
| 4 | 7 | Grace | San Antonio | 14000 |

SELECT * FROM emphor2;

| | ENO | ENAME | CITY | SALARY |
|---|---|---|---|---|
| 1 | 2 | Bob | Los Angeles | 18000 |
| 2 | 4 | David | Houston | 20000 |
| 3 | 5 | Eva | Phoenix | 25000 |
| 4 | 8 | Hannah | San Diego | 16000 |
| 5 | 9 | Ivy | Dallas | 17000 |
| 6 | 10 | Jack | San Jose | 30000 |

SELECT * FROM empver1;

| | ENO | ENAME |
|---|---|---|
| 1 | 1 | Alice |
| 2 | 2 | Bob |
| 3 | 3 | Charlie |
| 4 | 4 | David |
| 5 | 5 | Eva |
| 6 | 6 | Frank |
| 7 | 7 | Grace |
| 8 | 8 | Hannah |
| 9 | 9 | Ivy |
| 10 | 10 | Jack |

SELECT * FROM emphor2;

| | ENO | ENAME | CITY | SALARY |
|---|---|---|---|---|
| 1 | 2 | Bob | Los Angeles | 18000 |
| 2 | 4 | David | Houston | 20000 |
| 3 | 5 | Eva | Phoenix | 25000 |
| 4 | 8 | Hannah | San Diego | 16000 |
| 5 | 9 | Ivy | Dallas | 17000 |
| 6 | 10 | Jack | San Jose | 30000 |