Experiment 3

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Roll NO : BTC19　　　　　**Batch** : C1

CREATE TABLE empnew(

   empno INT PRIMARY KEY,

   empname VARCHAR(50),

   empcity VARCHAR(50),

   esalary INT

);

INSERT ALL

  INTO empnew (empno, empname, empcity, esalary) VALUES (1, 'Alice Johnson', 'New York', 75000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (2, 'Bob Smith', 'Chicago', 68000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (3, 'Charlie Brown', 'Los Angeles', 72000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (4, 'Diana Prince', 'San Francisco', 82000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (5, 'Ethan Hunt', 'Boston', 70000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (6, 'Fiona Glenanne', 'Miami', 69000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (7, 'George Martin', 'Seattle', 71000)
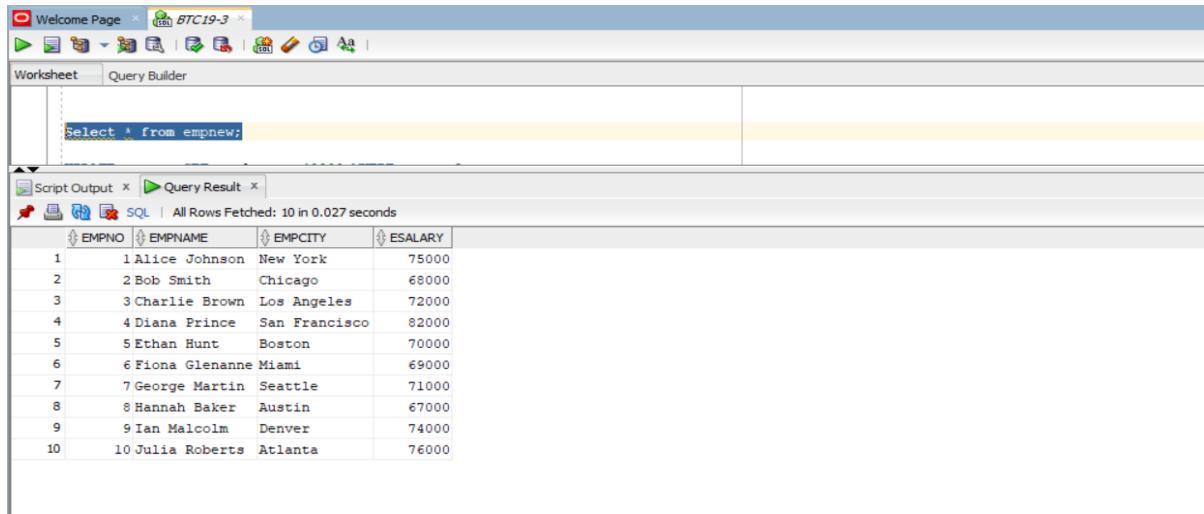
  INTO empnew (empno, empname, empcity, esalary) VALUES (8, 'Hannah Baker', 'Austin', 67000)

  INTO empnew (empno, empname, empcity, esalary) VALUES (9, 'Ian Malcolm', 'Denver', 74000)

INTO empnew (empno, empname, empcity, esalary) VALUES (10, 'Julia Roberts', 'Atlanta', 76000)

SELECT * FROM dual;

Select * from empnew;

UPDATE empnew SET esalary = 40000 WHERE empno=3;

CREATE TABLE Hfrag1 AS

SELECT * FROM empnew
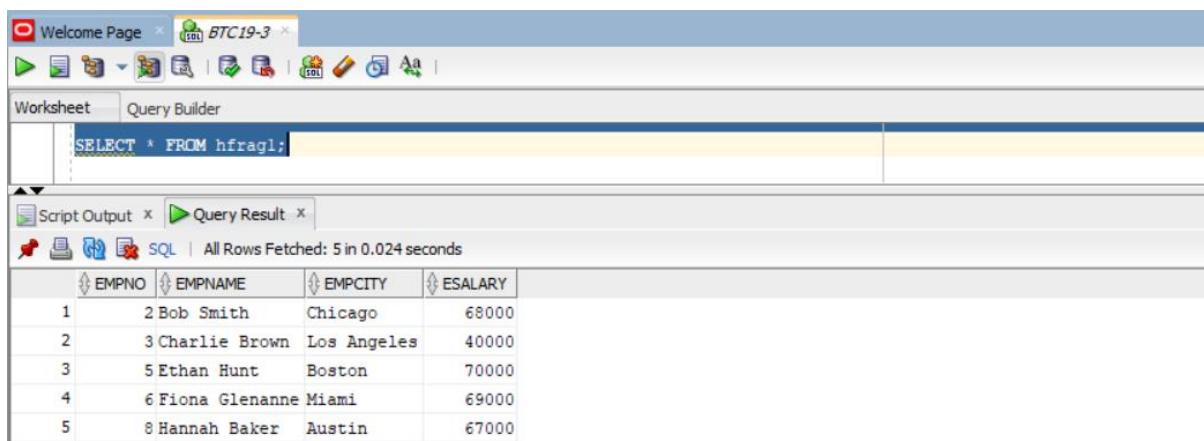
WHERE esalary <= 70000;

CREATE TABLE Hfrag2 AS

SELECT * FROM empnew

WHERE esalary > 70000;

SELECT * FROM hfrag1;

SELECT * FROM hfrag2;

CREATE TABLE Vfrag1 AS

SELECT empno, empname FROM empnew;

CREATE TABLE Vfrag2 AS

SELECT empno, empcity, esalary FROM empnew;

SELECT * FROM vfrag1;

SELECT * FROM vfrag2;

-- query 1

SELECT empno , esalary FROM hfrag1

UNION ALL

SELECT empno ,esalary FROM hfrag2;

-- query2

SELECT e.empname , e.empno

FROM hfrag1 e

JOIN vfrag2 d ON e.empno = d.empno

WHERE d.esalary = 70000;

--query 3

SELECT e.empname , d.empcity

FROM vfrag1 e

JOIN vfrag2 d ON e.empno = d.empno

WHERE d.esalary BETWEEN 70000 AND 90000;

--query4

SELECT e.empname , d.empcity

FROM hfrag1 e

JOIN vfrag2 d ON e.empno = d.empno

WHERE e.empno=5;