REM Script: Session 02

REM create

CREATE TABLE emp(

emp\_no NUMBER,

emp\_name VARCHAR2(50),

salary NUMBER,

manager VARCHAR2(50),

dept\_no NUMBER)

;

CREATE TABLE dept(

Dept\_no NUMBER,

Dept\_name VARCHAR2(50),

LOCATION VARCHAR2(50))

;

-- Records insertion to table dept

INSERT INTO dept VALUES (10 , 'HR' , 'USA');

INSERT INTO dept VALUES(20 , 'SALES', 'UK');

INSERT INTO dept VALUES(30 , 'FINANCIAL' , 'JAPAN');

-- Records insertion to emp Table

INSERT INTO emp VALUES (1000 , 'XXX5' , 15000 , 'AAA' , 30);

INSERT INTO emp VALUES (1001 , 'YYY5' , 18000 , 'AAA' , 20) ;

INSERT INTO emp VALUES (1002 , 'ZZZ5' , 20000 , 'AAA' , 10);

CREATE VIEW emp\_view (

emp\_name , Dept\_name , LOCATION ) AS

SELECT emp.emp\_name , dept.Dept\_name , Dept.location

FROM emp,dept

WHERE emp.dept\_no=dept.Dept\_no;

/

-- Employee View

SELECT \* FROM emp\_view;

CREATE TRIGGER view\_modify\_trg

INSTEAD OF UPDATE

ON emp\_view

FOR EACH ROW

BEGIN

UPDATE dept

SET LOCATION =: NEW.LOCATION

WHERE Dept\_name =: Old.Dept\_name;

END;

/

BEGIN

UPDATE emp\_view SET LOCATION = 'FRANCE' WHERE emp\_name = 'XXX5';

COMMIT;

END;

/

SELECT \* FROM emp\_view;