Evd\_sample:

Lokman

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--DROP TABLE MY\_DEPARTMENTS;

--DROP TABLE EMPINFO;

--DROP SEQUENCE serial\_sq;

--DROP VIEW VI\_EMP;

--DROP VIEW TWOVI;

--CREATE FIRST TABLE

CREATE TABLE EMPINFO (CUSTOMER\_ID NUMBER CONSTRAINT CUS\_ID2\_PK PRIMARY KEY,

CUSTOMER\_NAME VARCHAR2(50) DEFAULT 'LOCKMAN',

ADDRESS VARCHAR2(30),

GENDER VARCHAR2(30) CHECK (GENDER='F' OR GENDER='M'),

salary number DEFAULT 1000,

PHONE NUMBER );

-- CREATE SEQUENCE

CREATE SEQUENCE serial\_sq

INCREMENT BY 1

START WITH 104

NOMAXVALUE

NOCACHE

NOCYCLE;

--INSERT VALUE FIRST IN FIRST TABLE WITH SEQUENCE

INSERT INTO EMPINFO(CUSTOMER\_ID,CUSTOMER\_NAME,ADDRESS,GENDER,PHONE) values(102,'SAID','MIRPUR','M',123456);

INSERT INTO EMPINFO(CUSTOMER\_ID,CUSTOMER\_NAME,ADDRESS,GENDER,PHONE) values(103,'SAID','MIRPUR','M',123456);

INSERT INTO EMPINFO(CUSTOMER\_ID,CUSTOMER\_NAME,ADDRESS,GENDER,PHONE) values(serial\_sq.NEXTVAL,'SAID','MIRPUR','M',123456);

INSERT INTO EMPINFO(CUSTOMER\_ID,CUSTOMER\_NAME,ADDRESS,GENDER,PHONE) values(serial\_sq.NEXTVAL,'MONIKA','MIRPUR','F',123456);

--CREATE FIRST VIEW 1

CREATE VIEW VI\_EMP

AS SELECT CUSTOMER\_ID ID,ADDRESS LOCATION,GENDER SEX,salary TK,PHONE MOBILE

FROM EMPINFO

WHERE GENDER LIKE 'F';

--SELECT THE VIEW 1

SELECT \* FROM

VI\_EMP;

--ADD A COLUMN WITHIN THE FIRST TABLE

ALTER TABLE EMPINFO ADD(DEPARTMENT\_ID VARCHAR2(10));

ALTER TABLE EMPINFO MODIFY DEPARTMENT\_ID NUMBER;

--CREATE TABLE DEPARTMENT

CREATE TABLE MY\_DEPARTMENTS(DEPARTMENT\_ID NUMBER PRIMARY KEY,

DEP\_NAME VARCHAR2(15),

LOCATION VARCHAR2(20));

--INSERT VALUE FIRST IN SECOND TABLE

INSERT INTO MY\_DEPARTMENTS VALUES(202,'IT','DHAKA');

INSERT INTO MY\_DEPARTMENTS VALUES(203,'ACOUNTING','CTG');

INSERT INTO MY\_DEPARTMENTS VALUES(204,'MARKETING','DHAKA');

INSERT INTO MY\_DEPARTMENTS VALUES(205,'MARKETING','DHAKA');

--UPDATE FIRST TABLE

UPDATE EMPINFO

SET DEPARTMENT\_ID=202

WHERE CUSTOMER\_ID=102;

UPDATE EMPINFO

SET DEPARTMENT\_ID=203

WHERE CUSTOMER\_ID=103;

UPDATE EMPINFO

SET DEPARTMENT\_ID=204

WHERE CUSTOMER\_ID=104;

UPDATE EMPINFO

SET DEPARTMENT\_ID=205

WHERE CUSTOMER\_ID=105;

--CREATE VIEW WITH TWO TABLE

CREATE VIEW TWOVI

AS SELECT E.CUSTOMER\_ID,E.CUSTOMER\_NAME,E.GENDER,E.SALARY,D.DEPARTMENT\_ID,D.LOCATION,D.DEP\_NAME

FROM EMPINFO E JOIN MY\_DEPARTMENTS D

ON (E.DEPARTMENT\_ID=D.DEPARTMENT\_ID);

--select all from TWOVI

SELECT \*

FROM TWOVI;

--QUERRY

SELECT CUSTOMER\_ID,CUSTOMER\_NAME,SALARY,GENDER,DEP\_NAME

FROM TWOVI

WHERE DEP\_NAME='MARKETING' AND GENDER='F';

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Chaved:

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--drop table emp\_info;

--drop sequence my\_seq1;

--drop view my\_view;

--drop table departments;

--creating a Sequence

create sequence my\_seq1

start with 3;

--creating first table

create table emp\_info(

emp\_id number constraint emp1\_id\_pk primary key,

emp\_name varchar2(20),

manager\_id number,

phone varchar2(20),

sex varchar2(20) check (sex in('m' , 'f')),

salary number default 1000);

--insert value in first table

insert into emp\_info(emp\_id,emp\_name,manager\_id,phone,sex)

values(1,'Hasan',501,'01718','m');

insert into emp\_info(emp\_id,emp\_name,manager\_id,phone,sex)

values(2,'kamal',502,'01719','m');

insert into emp\_info(emp\_id,emp\_name,manager\_id,phone,sex)

values(my\_seq1.nextval,'kamal',502,'01719','m');

insert into emp\_info(emp\_id,emp\_name,manager\_id,phone,sex)

values(my\_seq1.nextval,'Mukta',505,'01719','f');

insert into emp\_info(emp\_id,emp\_name,manager\_id,phone,sex)

values(my\_seq1.nextval,'Rahela',505,'01729','f');

--add column in first table

alter table emp\_info

add dep\_id number;

--creating second table

create table departments(

dep\_id number constraint dep1\_id\_pk primary key,

dep\_name varchar2(20),

manager\_id number,

dep\_location varchar2(20));

--insert value in second table

insert into departments

values(101,'Account',501,'Dhaka');

insert into departments

values(102,'Sales',502,'Dhaka');

insert into departments

values(103,'Economic',504,'Chittagong');

--update first table

update emp\_info

set dep\_id=102

where emp\_id = 1;

update emp\_info

set dep\_id=101

where emp\_id = 2;

update emp\_info

set dep\_id=101

where emp\_id = 3;

update emp\_info

set dep\_id=103

where emp\_id = 4;

-- create a view

create view my\_view

as select e.emp\_id,e.emp\_name,e.salary,e.phone,d.dep\_id,d.dep\_name,d.dep\_location,sex

from emp\_info e

join departments d

on(e.dep\_id=d.dep\_id);

--query in view

select emp\_name, phone,dep\_name

from my\_view

where dep\_name in('Sales','Economic') and sex = 'f';

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Parves:

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DROP TABLE emp\_info;

CREATE TABLE emp\_info(

employee\_id NUMBER(4) PRIMARY KEY,

last\_name VARCHAR2(15),

salary NUMBER(8,2) DEFAULT 1000,

sex CHAR(2) CHECK (sex IN ('F', 'M')),

job\_id VARCHAR2(15),

phone\_number VARCHAR2(15));

--INSERT TABLE

INSERT INTO emp\_info(employee\_id,last\_name,sex,job\_id,phone\_number)

VALUES(101,'Cabed','M','IT\_PROG','+88012456652');

INSERT INTO emp\_info(employee\_id,last\_name,sex,job\_id,phone\_number)

VALUES(102,'Sobura','F','IT\_PROG','+88124536445');

INSERT INTO emp\_info(employee\_id,last\_name,sex,job\_id,phone\_number)

VALUES(103,'Rabea','F','IT\_PROG','+88121234565');

--CREATE SEQUENCE

DROP SEQUENCE emp\_info\_seq;

CREATE SEQUENCE emp\_info\_seq

INCREMENT BY 1

START WITH 104

MAXVALUE 200

NOCACHE

NOCYCLE;

INSERT INTO emp\_info

VALUES(emp\_info\_seq.NEXTVAL,'Razib',1000,'M','IT\_ENG','+881212457458');

INSERT INTO emp\_info(employee\_id,last\_name,salary,sex,job\_id,phone\_number)

VALUES(emp\_info\_seq.NEXTVAL,'Rahat',1050,'M','IT\_ENG','+8455458');

SELECT \*

FROM emp\_info;

--VIEW CREATE

CREATE OR REPLACE VIEW emp\_info\_vu

AS SELECT last\_name,salary,job\_id, employee\_id

FROM emp\_info

WHERE sex='M';

SELECT \*

FROM emp\_info\_vu;

--ALTER TABLE

ALTER TABLE emp\_info

ADD department\_id NUMBER(5);

--2nd TABLE

DROP TABLE dep\_info;

CREATE TABLE dep\_info(

department\_id NUMBER(6) PRIMARY KEY,

department\_name VARCHAR2(15),

manager\_id NUMBER(6),

location\_id NUMBER(4));

--CREATE SEQUENCE

DROP SEQUENCE dep\_info\_seq;

CREATE SEQUENCE dep\_info\_seq

INCREMENT BY 20

START WITH 80;

--INSERT VALUES

INSERT INTO dep\_info

VALUES(dep\_info\_seq.NEXTVAL,'Marketing',80,1205);

INSERT INTO dep\_info

VALUES(dep\_info\_seq.NEXTVAL,'Publishing',85,1200);

INSERT INTO dep\_info

VALUES(dep\_info\_seq.NEXTVAL,'Mangements',86,1205);

INSERT INTO dep\_info

VALUES(dep\_info\_seq.NEXTVAL,'Sequrity',50,1505);

--UPDATE TABLE emp\_info

UPDATE emp\_info

SET department\_id=80

WHERE employee\_id IN(101);

UPDATE emp\_info

SET department\_id=80

WHERE employee\_id IN(102);

UPDATE emp\_info

SET department\_id=100

WHERE employee\_id IN(103);

UPDATE emp\_info

SET department\_id=120

WHERE employee\_id IN(104);

UPDATE emp\_info

SET department\_id=120

WHERE employee\_id IN(104);

UPDATE emp\_info

SET department\_id=100

WHERE employee\_id IN(105);

--ALTER TABLE emp\_info

ALTER TABLE emp\_info

ADD FOREIGN KEY(department\_id) REFERENCES dep\_info(department\_id);

--CREATE VIEW FROM TWO TABLE

SELECT \*

FROM emp\_info;

SELECT \*

FROM dep\_info;

CREATE OR REPLACE VIEW emp\_dep\_info\_vu

AS SELECT e.employee\_id, e.last\_name,e.phone\_number, d.department\_name,d.location\_id

FROM emp\_info e JOIN dep\_info d

USING(department\_id)

WHERE sex ='F'

AND department\_name IN('Marketing','Publishing');

SELECT \*

FROM emp\_dep\_info\_vu;

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