SQL-CREATE TABLE PROPERTY\_OWNER

(

OWNER\_ID INT PRIMARY KEY,

FIRST\_NAME VARCHAR(20),

LAST\_NAME VARCHAR(20),

PHONE\_NO INT,

ADDRESS VARCHAR(100)

);

DROP TABLE PROPERTY\_OWNER;

CREATE TABLE AGENT

(

AGENT\_ID INT PRIMARY KEY,

AGENT\_NAME VARCHAR(50),

PHONE\_NO INT

);

DROP TABLE AGENT;

CREATE TABLE AGENT\_EMAIL

(

AGENT\_ID INT,

EMAIL VARCHAR(100),

FOREIGN KEY(AGENT\_ID) REFERENCES AGENT(AGENT\_ID)

);

DROP TABLE AGENT\_EMAIL;

CREATE TABLE ASSESSOR

(

A\_ID INT PRIMARY KEY,

A\_NAME VARCHAR(30),

PHONE\_NO INT,

EMAIL VARCHAR(100),

LICENSE\_NO INT

);

DROP TABLE ASSESSOR

CREATE TABLE PROPERTY\_INSPECTION\_OFFICER

(

PIO\_ID INT PRIMARY KEY,

PIO\_NAME VARCHAR(50),

PHONE\_NO INT,

LICENSE\_NO INT

);

DROP TABLE PROPERTY\_INSPECTION\_OFFICER

CREATE TABLE CLIENT

(

CLIENT\_ID INT PRIMARY KEY,

CLIENT\_NAME VARCHAR(50),

PREFERRED\_LOCATION VARCHAR(100)

);

DROP TABLE CLIENT

CREATE TABLE BUYER

(

CLIENT\_ID INT,

B\_REQUIREMENT VARCHAR(100),

BUDGET INT,

FOREIGN KEY(CLIENT\_ID) REFERENCES CLIENT(CLIENT\_ID),

CONSTRAINT PK\_BUYER PRIMARY KEY(CLIENT\_ID)

);

DROP TABLE BUYER

CREATE TABLE TENANT

(

CLIENT\_ID INT,

RENT INT,

T\_REQUIREMENT VARCHAR(100),

NUM\_INMATES INT,

FOREIGN KEY(CLIENT\_ID) REFERENCES CLIENT(CLIENT\_ID),

CONSTRAINT PK\_TENANT PRIMARY KEY(CLIENT\_ID)

);

DROP TABLE TENANT

CREATE TABLE C\_PHONE\_NO

(

CLIENT\_ID INT,

PHONE\_NO INT,

FOREIGN KEY(CLIENT\_ID) REFERENCES CLIENT(CLIENT\_ID)

);

DROP TABLE C\_PHONE\_NO

CREATE TABLE PROPERTY

(

PROP\_ID INT PRIMARY KEY,

PROP\_TYPE VARCHAR(20),

STATUS VARCHAR(20),

AREA INT,

PRICE INT,

BUY\_RENT VARCHAR(20),

OWNER\_ID INT,

AGENT\_ID INT,

PIN\_CODE INT NOT NULL,

FOREIGN KEY (OWNER\_ID) REFERENCES PROPERTY\_OWNER(OWNER\_ID),

FOREIGN KEY (AGENT\_ID) REFERENCES AGENT(AGENT\_ID)

);

DROP TABLE PROPERTY;

CREATE TABLE PROPERTY\_LOCATION

(

PIN\_CODE INT,

STATE VARCHAR(100),

CITY VARCHAR(100),

FOREIGN KEY (PIN\_CODE) REFERENCES PROPERTY\_LOCATION(PIN\_CODE),

CONSTRAINT PK\_PL PRIMARY KEY(PIN\_CODE)

);

DROP TABLE PROPERTY\_LOCATION;

CREATE TABLE PROPERTY\_SERVICES

(

SERVICE\_ID INT PRIMARY KEY,

SERVICE\_TYPE VARCHAR(20),

SERVICE\_DATE DATE,

OWNER\_ID INT,

PROPERTY\_ID INT,

FOREIGN KEY (OWNER\_ID) REFERENCES PROPERTY\_OWNER(OWNER\_ID),

FOREIGN KEY (PROPERTY\_ID) REFERENCES PROPERTY(PROP\_ID)

);

DROP TABLE PROPERTY\_SERVICES

CREATE TABLE ASSESSOR\_RESPONSE

(

SERVICE\_ID INT,

A\_ID INT,

FOREIGN KEY (SERVICE\_ID) REFERENCES PROPERTY\_SERVICES(SERVICE\_ID),

FOREIGN KEY (A\_ID) REFERENCES ASSESSOR(A\_ID),

CONSTRAINT PK\_AR PRIMARY KEY(SERVICE\_ID)

);

DROP TABLE ASSESSOR\_RESPONSE

CREATE TABLE PIO\_RESPONSE

(

SERVICE\_ID INT,

PIO\_ID INT,

FOREIGN KEY (SERVICE\_ID) REFERENCES PROPERTY\_SERVICES(SERVICE\_ID),

FOREIGN KEY (PIO\_ID) REFERENCES PROPERTY\_INSPECTION\_OFFICER(PIO\_ID),

CONSTRAINT PK\_PIOR PRIMARY KEY(SERVICE\_ID)

);

DROP TABLE PIO\_RESPONSE

CREATE TABLE APPOINTMENT

(

AP\_ID INT PRIMARY KEY,

AP\_DATE DATE,

CLIENT\_ID INT,

AGENT\_ID INT,

FOREIGN KEY(CLIENT\_ID) REFERENCES CLIENT(CLIENT\_ID),

FOREIGN KEY (AGENT\_ID) REFERENCES AGENT(AGENT\_ID)

);

DROP TABLE APPOINTMENT

CREATE TABLE CONTRACT

(

C\_ID INT PRIMARY KEY,

C\_DATE DATE,

S\_DATE DATE,

E\_DATE DATE,

CONTRACT\_VALUE INT,

CLIENT\_ID INT,

AGENT\_ID INT,

FOREIGN KEY(CLIENT\_ID) REFERENCES CLIENT(CLIENT\_ID),

FOREIGN KEY (AGENT\_ID) REFERENCES AGENT(AGENT\_ID)

);

DROP TABLE CONTRACT

CREATE TABLE PROPERTY\_IMAGE

(

IMG\_ID INT,

PROP\_ID INT,

IMG\_NAME VARCHAR(20),

DESCP VARCHAR(100),

FOREIGN KEY (PROP\_ID) REFERENCES PROPERTY(PROP\_ID),

CONSTRAINT PK\_PROPERTY\_IMAGE PRIMARY KEY(IMG\_ID,PROP\_ID)

);

DROP TABLE PROPERTY\_IMAGE

INSERT INTO PROPERTY\_INSPECTION\_OFFICER VALUES(3001,'THANEDAR',67890123458,1111772);

INSERT INTO PROPERTY\_INSPECTION\_OFFICER VALUES(3002,'AMIT',6789012773,1111896);

INSERT INTO PROPERTY\_INSPECTION\_OFFICER VALUES(3003,'SAGAR',88890123458,111772);

INSERT INTO PROPERTY\_INSPECTION\_OFFICER VALUES(3004,'ARJUN',98890123458,1111772);

INSERT INTO ASSESSOR VALUES(3501,'RANA PRATAP',7786779900,'RP@GMAIL.COM',22461);

INSERT INTO ASSESSOR VALUES(3502,'AMRESH',7786779900,'AM@GMAIL.COM',22572);

INSERT INTO ASSESSOR VALUES(3503,'SHUBAM',8786779900,'SH@GMAIL.COM',22811);

INSERT INTO ASSESSOR VALUES(3504,'GAUTAM',9786779900,'GA@GMAIL.COM',22922);

INSERT INTO ASSESSOR\_RESPONSE VALUES(4001,3501);

INSERT INTO ASSESSOR\_RESPONSE VALUES(4003,3501);

INSERT INTO ASSESSOR\_RESPONSE VALUES(4004,3502);

INSERT INTO ASSESSOR\_RESPONSE VALUES(4006,3504);

INSERT INTO PIO\_RESPONSE VALUES(4002,3002);

INSERT INTO PIO\_RESPONSE VALUES(4005,3003);

INSERT INTO PIO\_RESPONSE VALUES(4007,3002);

INSERT INTO PIO\_RESPONSE VALUES(4008,3004);

INSERT INTO PROPERTY\_SERVICES VALUES(4001,'ASSESS','28-APR-20',7001,1001);

INSERT INTO PROPERTY\_SERVICES VALUES(4002,'INSPECT','02-MAY-20',7001,1002);

INSERT INTO PROPERTY\_SERVICES VALUES(4003,'ASSESS','23-MAY-20',7001,1005);

INSERT INTO PROPERTY\_SERVICES VALUES(4004,'ASSESS','11-MAR-20',7001,1003);

INSERT INTO PROPERTY\_SERVICES VALUES(4005,'INSPECT','08-MAY-20',7001,1001);

INSERT INTO PROPERTY\_SERVICES VALUES(4006,'ASSESS','24-APR-20',7001,1002);

INSERT INTO PROPERTY\_SERVICES VALUES(4007,'INSPECT','18-MAY-20',7001,1007);

INSERT INTO PROPERTY\_SERVICES VALUES(4008,'INSPECT','29-MAR-20',7001,1008);

INSERT INTO PROPERTY\_IMAGE VALUES(9001,1001,'I1.PNG','FRONT VIEW');

INSERT INTO PROPERTY\_IMAGE VALUES(9002,1002,'I2.PNG','SIDE VIEW');

INSERT INTO PROPERTY\_IMAGE VALUES(9003,1001,'I3.PNG','BACK VIEW');

INSERT INTO PROPERTY\_IMAGE VALUES(9004,1003,'I4.PNG','SIDE VIEW');

INSERT INTO PROPERTY\_IMAGE VALUES(9005,1004,'I5.PNG','FRONT VIEW');

INSERT INTO PROPERTY\_IMAGE VALUES(9006,1005,'I6.PNG','SIDE VIEW');

INSERT INTO AGENT\_EMAIL VALUES(8001,'PRAKASH123@GMAIL.COM');

INSERT INTO AGENT\_EMAIL VALUES(8001,'PRAKASH486@GMAIL.COM');

INSERT INTO AGENT\_EMAIL VALUES(8002,'SAHAY193@GMAIL.COM');

INSERT INTO AGENT\_EMAIL VALUES(8003,'RISHI113@GMAIL.COM');

INSERT INTO AGENT\_EMAIL VALUES(8003,'RISHU23@GMAIL.COM');

INSERT INTO AGENT\_EMAIL VALUES(8004,'AGASTYA\_123@GMAIL.COM');

INSERT INTO CONTRACT VALUES(6001,'02-MAY-20',NULL,NULL,20000000,2001,8001);

INSERT INTO CONTRACT VALUES(6002,'04-SEP-21',NULL,NULL,5000000,2002,8001);

INSERT INTO CONTRACT VALUES(6003,'12-AUG-22',NULL,NULL,8000000,2004,8002);

INSERT INTO CONTRACT VALUES(6004,'05-JUL-21','24-JUL-21','21-JUL-24',35000,2007,8003);

INSERT INTO CONTRACT VALUES(6005,'19-FEB-20','01-MAR-20','04-MAR-24',200000,2009,8004);

INSERT INTO CONTRACT VALUES(6006,'21-JAN-22','01-FEB-22','16-SEP-26',600000,2010,8004);

DELETE FROM CONTRACT;

INSERT INTO APPOINTMENT VALUES(5001,'16-MAR-2020',2001,8001);

INSERT INTO APPOINTMENT VALUES(5002,'22-AUG-2020',2002,8001);

INSERT INTO APPOINTMENT VALUES(5003,'31-JUL-2022',2004,8002);

INSERT INTO APPOINTMENT VALUES(5004,'01-JUN-2021',2007,8003);

INSERT INTO APPOINTMENT VALUES(5005,'10-FEB-2020',2009,8004);

INSERT INTO APPOINTMENT VALUES(5006,'10-JAN-2022',2010,8004);

INSERT INTO PROPERTY\_OWNER VALUES(7001,'PRANAV','GHANTE',9822934039,'GM ROAD PUNE');

INSERT INTO PROPERTY\_OWNER VALUES(7002,'ISHAN','GUPTA',7722934039,'HK STREET WARANGAL');

INSERT INTO PROPERTY\_OWNER VALUES(7003,'ARYAN','SINGH',9856934039,'HITECH CITY HYDERABAD');

INSERT INTO PROPERTY\_OWNER VALUES(7004,'OM','KADAM',9822956739,'FORT MUMBAI');

INSERT INTO PROPERTY\_OWNER VALUES(7005,'ADHIRAJ','PATEL',6782934039,'GM ROAD DELHI');

INSERT INTO PROPERTY\_OWNER VALUES(7006,'AASHISH','RAMPAL',9567934039,'BANDRA MUMBAI');

INSERT INTO C\_PHONE\_NO VALUES(2001, 7495801192);

INSERT INTO C\_PHONE\_NO VALUES(2001, 7498611258);

INSERT INTO C\_PHONE\_NO VALUES(2002, 8488615995);

INSERT INTO C\_PHONE\_NO VALUES(2003, 9199940159);

INSERT INTO C\_PHONE\_NO VALUES(2004, 8655211596);

INSERT INTO C\_PHONE\_NO VALUES(2005, 6418611959);

INSERT INTO C\_PHONE\_NO VALUES(2005, 7477710001);

INSERT INTO C\_PHONE\_NO VALUES(2006, 8166652194);

INSERT INTO C\_PHONE\_NO VALUES(2007, 7915620118);

INSERT INTO C\_PHONE\_NO VALUES(2008, 8611940216);

INSERT INTO C\_PHONE\_NO VALUES(2009, 9495064364);

INSERT INTO C\_PHONE\_NO VALUES(2009, 9933810506);

INSERT INTO C\_PHONE\_NO VALUES(2010, 7895463222);

INSERT INTO BUYER VALUES(2001, 'Industrial', 70000000);

INSERT INTO BUYER VALUES(2002, 'Commercial', 20000000);

INSERT INTO BUYER VALUES(2003, 'Residential',50000000);

INSERT INTO BUYER VALUES(2004, 'Commercial', 15000000);

INSERT INTO BUYER VALUES(2005, 'Residential',6500000);

INSERT INTO TENANT VALUES(2006, 200000, 'Commercial', NULL);

INSERT INTO TENANT VALUES(2007, 40000, 'Residential', 4);

INSERT INTO TENANT VALUES(2008, 80000, 'Residential', 1);

INSERT INTO TENANT VALUES(2009, 350000, 'Commercial', NULL);

INSERT INTO TENANT VALUES(2010, 100000, 'Residential', 2);

INSERT INTO AGENT VALUES(8001, 'Prakash', 8488619921);

INSERT INTO AGENT VALUES(8002, 'Sahay', 9999911111);

INSERT INTO AGENT VALUES(8003, 'Rishabh', 6869485594);

INSERT INTO AGENT VALUES(8004, 'Agastya', 7411978223);

INSERT INTO PROPERTY VALUES(1001, 'Commercial', 'NOT AVAILABLE', 14000, 100000000, 'FOR SALE', 7001, 8002, 403001);

INSERT INTO PROPERTY VALUES(1002, 'Industrial', 'AVAILABLE', 130000, 70000000, 'FOR SALE', 7001, 8004, 474002);

INSERT INTO PROPERTY VALUES(1003, 'Residential(1 BHK)', 'NOT AVAILABLE', 800, 15000000, 'ON RENT', 7003, 8001, 206002);

INSERT INTO PROPERTY VALUES(1004, 'Residential(3 BHK)', 'NOT AVAILABLE', 1000, 80000, 'ON RENT', 7005, 8002, 250001);

INSERT INTO PROPERTY VALUES(1005, 'Commercial', 'AVAILABLE', 15000, 120000000, 'FOR SALE', 7004, 8003, 400001);

INSERT INTO PROPERTY VALUES(1006, 'Industrial', 'NOT AVAILABLE', 150000, 100000000, 'FOR SALE', 7006, 8003, 300018);

INSERT INTO PROPERTY VALUES(1007, 'Residential(Villa)', 'NOT AVAILABLE', 1600, 10000000, 'FOR SALE', 7006, 8003, 500001);

INSERT INTO PROPERTY VALUES(1008, 'Commercial', 'NOT AVAILABLE', 17000, 9000000, 'ON RENT', 7002, 8003, 506001);

INSERT INTO PROPERTY VALUES(1009, 'Residential', 'AVAILABLE', 1200, 5000000, 'ON RENT', 7002, 8001, 700001);

INSERT INTO PROPERTY VALUES(1010, 'Commercial', 'AVAILABLE', 22000, 150000000, 'FOR SALE', 7003, 8003, 248001);

INSERT INTO PROPERTY VALUES(1011, 'Residential', 'AVAILABLE', 1700, 8500000, 'FOR SALE', 7005, 8004, 400001);

INSERT INTO PROPERTY VALUES(1012, 'Residential', 'AVAILABLE', 2200, 25000, 'ON RENT', 7006, 8001, 500001);

INSERT INTO PROPERTY\_LOCATION VALUES(403001, 'Goa', 'Panji');

INSERT INTO PROPERTY\_LOCATION VALUES(474002, 'Madhya Pradesh', 'Gwalior');

INSERT INTO PROPERTY\_LOCATION VALUES(206002, 'Uttar Pradesh', 'Etawah');

INSERT INTO PROPERTY\_LOCATION VALUES(250001, 'Uttar Pradesh', 'Meerut');

INSERT INTO PROPERTY\_LOCATION VALUES(400001, 'Maharashtra', 'Mumbai');

INSERT INTO PROPERTY\_LOCATION VALUES(30018, 'Gujarat', 'Vadodara');

INSERT INTO PROPERTY\_LOCATION VALUES(500001, 'Telangana', 'Hyderabad');

INSERT INTO PROPERTY\_LOCATION VALUES(506001, 'Telangana', 'Warangal');

INSERT INTO PROPERTY\_LOCATION VALUES(700001, 'West Bengal', 'Kolkata');

INSERT INTO PROPERTY\_LOCATION VALUES(248001, 'Uttarakhand', 'Dehradun');

INSERT INTO CLIENT VALUES(2001, 'Ishaan' , 'Mumbai');

INSERT INTO CLIENT VALUES(2002, 'Mahesh' , 'Gwalior');

INSERT INTO CLIENT VALUES(2003, 'Kunal' , 'Kolkata');

INSERT INTO CLIENT VALUES(2004, 'Aman' , 'Etawah');

INSERT INTO CLIENT VALUES(2005, 'Mohit' , 'Vadodara');

INSERT INTO CLIENT VALUES(2006, 'Sanket' , 'Mumbai');

INSERT INTO CLIENT VALUES(2007, 'Dibya' , 'Hyderabad');

INSERT INTO CLIENT VALUES(2008, 'Steve' , 'Warangal');

INSERT INTO CLIENT VALUES(2009, 'Bhavana' , 'Delhi');

INSERT INTO CLIENT VALUES(2010, 'Aakanksha', 'Panji');

SELECT \* FROM CLIENT;

SELECT \* FROM PROPERTY;

SELECT \* FROM PROPERTY\_LOCATION;

SELECT \* FROM PROPERTY\_IMAGE;

SELECT \* FROM AGENT;

SELECT \* FROM AGENT\_EMAIL;

SELECT \* FROM BUYER;

SELECT \* FROM TENANT;

SELECT \* FROM C\_PHONE\_NO;

SELECT \* FROM PROPERTY\_INSPECTION\_OFFICER;

SELECT \* FROM ASSESSOR;

SELECT \* FROM ASSESSOR\_RESPONSE;

SELECT \* FROM PIO\_RESPONSE;

SELECT \* FROM PROPERTY\_SERVICES;

SELECT \* FROM APPOINTMENT;

SELECT \* FROM CONTRACT;

delete from contract;

SELECT \* FROM PROPERTY\_OWNER;

CREATE OR REPLACE TRIGGER PROPERRTY\_TRIGGER

BEFORE INSERT OR UPDATE OR DELETE ON PROPERTY

FOR EACH ROW

ENABLE

BEGIN

IF INSERTING THEN

DBMS\_OUTPUT.PUT\_LINE('THE DATA INSERTED IS AVAILABLE FOR '||:NEW.BUY\_RENT);

ELSIF UPDATING THEN

DBMS\_OUTPUT.PUT\_LINE('THE STATUS IS UPDATED FROM '||:OLD.STATUS||' TO '||:NEW.STATUS);

ELSIF DELETING THEN

DBMS\_OUTPUT.PUT\_LINE('THE PROPERTY '||:NEW.PROP\_ID||' IS DELETED');

END IF;

END;

SELECT \* FROM PROPERTY

WHERE STATUS='AVAILABLE';

SELECT P.PROP\_ID,P.PROP\_TYPE,P.STATUS

FROM PROPERTY P

JOIN PROPERTY\_LOCATION PL

ON P.PIN\_CODE=PL.PIN\_CODE

WHERE PL.CITY='Mumbai';

SELECT \* FROM CONTRACT

ORDER BY CONTRACT\_VALUE;

SELECT C.CLIENT\_NAME

FROM CLIENT C

JOIN BUYER B

ON C.CLIENT\_ID=B.CLIENT\_ID

WHERE B.B\_REQUIREMENT='Industrial';