/\*Fathima Nooha Kottangodan  
 B20CSA28

Experiment: Creation and insertion into tables\*/

SQL> create table branch (branchno varchar(20) primary key, street varchar(20), city varchar(20), postcode varchar(20));

Table created.

SQL> insert into branch values ('B005', '22 Deer Rd', 'London','SW1 4EH');

1 row created.

SQL> insert into branch values ('B007', '16 Argyl St', 'Aberdeen','AB2 3SU');

1 row created.

SQL> insert into branch values ('B003', '163 Main St', 'Glasgow','G11 9QX');

1 row created.

SQL> insert into branch values ('B004', '32 Manse Rd', 'Bristol','BS99 INZ');

1 row created.

SQL> insert into branch values ('B002', '52 Clover Dr', 'London','NW10 6EU');

1 row created.

SQL> select \* from branch;

BRANCHNO STREET CITY POSTCODE

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B005 22 Deer Rd London SW1 4EH

B007 16 Argyl St Aberdeen AB2 3SU

B003 163 Main St Glasgow G11 9QX

B004 32 Manse Rd Bristol BS99 INZ

B002 52 Clover Dr London NW10 6EU

SQL> create table staff (staffno varchar(20) primary key, fname varchar(20), iname varchar(20), position varchar(20), sex char(2), dob date, salary int, branchno varchar(20), foreign key (branchno) references branch);

Table created.

SQL> insert into staff values('sL21', 'John','White','Manager','M','1-OCT-45',30000,'B005');

1 row created.

SQL> insert into staff values('SG37', 'Ann','Beech','Assistant','F','10-NOV-60',12000,'B003');

1 row created.

SQL> insert into staff values('SG14', 'David','Ford','Supervisor','M','24-March-58',18000,'B003');

1 row created.

SQL> insert into staff values('SA9', 'Mary','Howe','Assistant','F','19-Feb-70',9000,'B007');

1 row created.

SQL> insert into staff values('SG5', 'Susan','Brand','Manager','F','3-Jun-40',24000,'B003');

1 row created.

SQL> insert into staff values('S141', 'Julie','Lee','Assistant','F','13-Jun-65',9000,'B005');

1 row created.

SQL> select \* from staff;

STAFFNO FNAME INAME POSITION SEX DOB

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SALARY BRANCHNO

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sL21 John White Manager M 01-OCT-45

30000 B005

SG37 Ann Beech Assistant F 10-NOV-60

12000 B003

SG14 David Ford Supervisor M 24-MAR-58

18000 B003

SA9 Mary Howe Assistant F 19-FEB-70

9000 B007

SG5 Susan Brand Manager F 03-JUN-40

24000 B003

S141 Julie Lee Assistant F 13-JUN-65

9000 B005

6 rows selected.

SQL> create table propertyforrent (propertyno varchar(20) primary key, street varchar(20), city varchar(20), postcode varchar(20), type varchar(20), rooms int, rent int, ownerno varchar(20), staffno varchar(20), branchno varchar(20), foreign key (staffno) references staff, foreign key (branchno) references branch);

Table created.

SQL> insert into propertyforrent values ('PA14','16 Holhead','AB7 5SU','Aberdeen', 'House', 6, 650, 'CO46','SA9','B007');

1 row created.

SQL> insert into propertyforrent values ('PL94','6 Argyl St','London','NW2','Flat',4,400,'CO87','S141','B005');

1 row created.

SQL> insert into propertyforrent values ('PA14','16 Holhead','Aberdeen','AB7 5SU','House',6,650,'CO46','SA9','B007');

1 row created.

SQL> insert into propertyforrent values ('PG21','18 Dale Rd','Glasgow','G12','House',5,600,'CO87','SG37','B003');

1 row created.

SQL> insert into propertyforrent values ('PG16','5 NOvar Dr','Glasgow','G12 9AX','Flat',4,450,'CO93','SG14','B003');

1 row created.

SQL> select \* from propertyforrent;

PROPERTYNO STREET CITY POSTCODE TYPE

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ROOMS RENT OWNERNO STAFFNO BRANCHNO

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PL94 6 Argyl St London NW2 Flat

4 400 CO87 S141 B005

PG4 6 Lawrence St Glasgow G11 9QX Flat

3 350 CO40 B003

PA14 16 Holhead Aberdeen AB7 5SU House

6 650 CO46 SA9 B007

PG21 18 Dale Rd Glasgow G12 House

5 600 CO87 SG37 B003

PG16 5 NOvar Dr Glasgow G12 9AX Flat

4 450 CO93 SG14 B003

SQL> create table client (clientno varchar(20) primary key, fname varchar(20), iname varchar(20), tellno varchar(20), preftype varchar(20), maxrent int, email varchar(20));

Table created.

SQL> insert into client values ('CR76','John','Kay','0207-774-5632','Flat',425,'john.kay@gmail.com');

1 row created.

SQL> insert into client values ('CR36','Aline','Stewart','0141-848-1825','Flat',350,'astewart@hotmail.com');

1 row created.

SQL> insert into client values ('CR74','Mike','Ritchie','01475-392178','House',750,'mritchie01@yahoo.com');

1 row created.

SQL> insert into client values ('CR62','Mary','Treager','01224-196720','Flat',600,'maryth@hotmail.com');

1 row created.

SQL> select \* from client;

CLIENTNO FNAME INAME

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TELLNO PREFTYPE MAXRENT EMAIL

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CR76 John Kay

0207-774-5632 Flat 425 john.kay@gmail.com

CR36 Aline Stewart

0141-848-1825 Flat 350 astewart@hotmail.com

CR74 Mike Ritchie

01475-392178 House 750 mritchie01@yahoo.com

CLIENTNO FNAME INAME

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TELLNO PREFTYPE MAXRENT EMAIL

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CR62 Mary Treager

01224-196720 Flat 600 maryth@hotmail.com

SQL> create table privateowner (ownerno varchar(20) primary key, fname varchar(20), iname varchar(20), address varchar(30),tellno varchar(20), email varchar(20), password varchar(10));

Table created.

SQL> insert into privateowner values ('C046', 'Joe','Keogh','2 Fergus Dr, Aberdeen, AB2 7SX','01224-861212','joegh@lhh.com','\*\*\*\*\*\*');

1 row created.

SQL> insert into privateowner values ('C087', 'Carol','Farrel','6 Achray St, Glasgow, G32 9DX','0141-357-7419','ctarrel@gmail.com','\*\*\*\*\*\*');

1 row created.

SQL> insert into privateowner values ('C040', 'Tina','Murphy','63 Well St, Glasgow, G42','0141-943-1728','tinam@hotmail.com','\*\*\*\*\*\*');

1 row created.

SQL> insert into privateowner values ('C093', 'Tony','Shaw','12 Park p1','0141-225-7025','tonyshaw@ark.com','\*\*\*\*\*\*');

1 row created.

SQL> select \* from privateowner;

OWNERNO FNAME INAME

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ADDRESS TELLNO EMAIL

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PASSWORD

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C046 Joe Keogh

2 Fergus Dr, Aberdeen, AB2 7SX 01224-861212 joegh@lhh.com

\*\*\*\*\*\*

C087 Carol Farrel

6 Achray St, Glasgow, G32 9DX 0141-357-7419 ctarrel@gmail.com

\*\*\*\*\*\*

OWNERNO FNAME INAME

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ADDRESS TELLNO EMAIL

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PASSWORD

----------

C040 Tina Murphy

63 Well St, Glasgow, G42 0141-943-1728 tinam@hotmail.com

\*\*\*\*\*\*

C093 Tony Shaw

12 Park p1 0141-225-7025 tonyshaw@ark.com

OWNERNO FNAME INAME

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ADDRESS TELLNO EMAIL

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PASSWORD

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\*\*\*\*\*\*

SQL> create table viewing (clientno varchar(20), foreign key (clientno) references client, propertyno varchar(20), foreign key (propertyno) references propertyforrent, viewdate date, comment1 varchar(30));

Table created.

SQL> insert into viewing values ('CR36','PA14','24-May-13','Too small');

1 row created.

SQL> insert into viewing values ('CR76','PG4','20-April-13','Too remote');

1 row created.

SQL> insert into viewing values ('CR36','PG4','26-May-13',NULL);

1 row created.

SQL> insert into viewing values ('CR62','PA14','14-May-13','No dining room');

1 row created.

SQL> insert into viewing values ('CR36','PG16','28-Apr-13',NULL);

1 row created.

SQL> select \* from viewing;

CLIENTNO PROPERTYNO VIEWDATE

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COMMENT1

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CR36 PA14 24-MAY-13

Too small

CR76 PG4 20-APR-13

Too remote

CR36 PG4 26-MAY-13

CLIENTNO PROPERTYNO VIEWDATE

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COMMENT1

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CR62 PA14 14-MAY-13

No dining room

CR36 PG16 28-APR-13

SQL> create table registration (clientno varchar(20), branchno varchar(20), staffno varchar(20), datejoined date,foreign key (staffno) references staff, foreign key (branchno) references branch, foreign key (clientno) references client, primary key (clientno, branchno));

Table created.

SQL> insert into registration values ('CR76','B005','S141','2-JAN-13');

1 row created.

SQL> insert into registration values ('CR36','B003','SG37','11-Apr-12');

1 row created.

SQL> insert into registration values ('CR74','B003','SG37','16-Nov-11');

1 row created.

SQL> insert into registration values ('CR62','B007','SA9','7-March-12');

1 row created.

SQL> select \* from registration;

CLIENTNO BRANCHNO STAFFNO DATEJOINE

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CR76 B005 S141 02-JAN-13

CR36 B003 SG37 11-APR-12

CR74 B003 SG37 16-NOV-11

CR62 B007 SA9 07-MAR-12