Create database propertydearalers

Branch(branchno, street, city, postcode)

Staff(Staffno, fname, lname, position, Sex, DOB, salary, branchno)

PropertyforRent(propertyNo, street, city, Postcode,Type, rooms,rent,staffno, branchno)

1. Insert the data as shown in the above tables

2. Update the street of branchNo 1001 to MG

3. List the name of staff who have salary greater than average salary of all staff.

4. Find the type and rooms of properties in pune

5. Find the name of staffs who work as salesman or saleswomen

6. Find the no. of properties which are of type flat.

7. List staff members born before 2004.

8. Find the total number of staff members in each branch.

ANS :=

CREATE DATABASE PropertyDealers;

USE PropertyDealers;

CREATE TABLE Branch (

branchNo VARCHAR(10) PRIMARY KEY,

street VARCHAR(50),

city VARCHAR(50),

postcode VARCHAR(10)

);

CREATE TABLE Staff (

staffNo VARCHAR(10) PRIMARY KEY,

fname VARCHAR(50),

lname VARCHAR(50),

position VARCHAR(50),

sex CHAR(1),

DOB DATE,

salary DECIMAL(10, 2),

branchNo VARCHAR(10),

FOREIGN KEY (branchNo) REFERENCES Branch(branchNo)

);

CREATE TABLE PropertyForRent (

propertyNo VARCHAR(10) PRIMARY KEY,

street VARCHAR(50),

city VARCHAR(50),

postcode VARCHAR(10),

type VARCHAR(50),

rooms INT,

rent DECIMAL(10, 2),

staffNo VARCHAR(10),

branchNo VARCHAR(10),

FOREIGN KEY (staffNo) REFERENCES Staff(staffNo),

FOREIGN KEY (branchNo) REFERENCES Branch(branchNo)

);

1

INSERT INTO Branch (branchno, street, city, postcode) VALUES ('1001', 'ABC Road', 'Pune', '411001');

INSERT INTO Staff (staffno, fname, lname, position, sex, dob, salary, branchno) VALUES ('S101', 'John', 'Doe', 'Manager', 'M', '1980-05-01', 55000, '1001');

INSERT INTO PropertyforRent (propertyNo, street, city, postcode, type, rooms, rent, staffno, branchno) VALUES ('P001', 'Street 1', 'Pune', '411001', 'Flat', 3, 15000, 'S101', '1001');

2

UPDATE Branch SET street = 'MG' WHERE branchno = '1001';

3

SELECT fname, lname FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff);

4

SELECT type, rooms FROM PropertyforRent WHERE city = 'Pune';

5

SELECT fname, lname FROM Staff WHERE position IN ('Salesman', 'Saleswoman');

6

SELECT COUNT(\*) AS flat\_count FROM PropertyforRent WHERE type = 'Flat';

7

SELECT fname, lname FROM Staff WHERE dob < '2004-01-01';

8

SELECT branchno, COUNT(\*) AS total\_staff FROM Staff GROUP BY branchno;