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 lname of the staff with staffno. 106 to shinde

3. Delete the branch with postcode 411041

4. List the employee who have at least 2 A’s in their name.

5. List the maximum salary from each branch of the staff members from highest to lowest

6. List all properties managed by a staff member having id S123

7. Find the average rent of properties in a Pune

8. Find the number of properties managed by each branch

ANS :=

-- Insert sample data into Branch table

INSERT INTO Branch (branchNo, street, city, postcode) VALUES

('B001', 'Main Street', 'Pune', '411041'),

('B002', 'Second Street', 'Mumbai', '400001');

-- Insert sample data into Staff table

INSERT INTO Staff (staffNo, fname, lname, position, sex, DOB, salary, branchNo) VALUES

('S101', 'Aarav', 'Patel', 'Manager', 'M', '1980-05-15', 70000, 'B001'),

('S102', 'Anaya', 'Shah', 'Assistant', 'F', '1990-08-10', 50000, 'B001'),

('S123', 'Ravi', 'Kumar', 'Agent', 'M', '1985-07-20', 45000, 'B002'),

('S106', 'Raj', 'Mehta', 'Agent', 'M', '1992-01-10', 45000, 'B002');

-- Insert sample data into PropertyForRent table

INSERT INTO PropertyForRent (propertyNo, street, city, postcode, type, rooms, rent, staffNo, branchNo) VALUES

('P001', 'Third Street', 'Pune', '411041', 'Apartment', 3, 25000, 'S101', 'B001'),

('P002', 'Fourth Street', 'Pune', '411042', 'Villa', 5, 50000, 'S102', 'B001'),

('P003', 'Fifth Street', 'Mumbai', '400001', 'Flat', 2, 30000, 'S123', 'B002'),

('P004', 'Sixth Street', 'Mumbai', '400001', 'Apartment', 3, 35000, 'S106', 'B002');

1

INSERT INTO Branch (branchno, street, city, postcode) VALUES ('B1', 'MG Road', 'Pune', '411001');

INSERT INTO Staff (staffno, fname, lname, position, sex, dob, salary, branchno) VALUES ('S101', 'John', 'Doe', 'Manager', 'M', '1985-01-01', 50000, 'B1');

2

UPDATE Staff SET lname = 'Shinde' WHERE staffno = '106';

3

DELETE FROM Branch WHERE postcode = '411041';

4

SELECT \* FROM Staff WHERE fname LIKE '%A%A%' OR lname LIKE '%A%A%';

5

SELECT branchno, MAX(salary) AS max\_salary FROM Staff GROUP BY branchno ORDER BY max\_salary DESC;

6

SELECT \* FROM PropertyforRent WHERE staffno = 'S123';

7

SELECT AVG(rent) AS avg\_rent FROM PropertyforRent WHERE city = 'Pune';

8

SELECT branchno, COUNT(\*) AS property\_count FROM PropertyforRent GROUP BY branchno;