**Creating table user\_table:**

create table user\_table (

adhar\_id number primary key,

user\_name varchar(30),

user\_id varchar(30),

user\_password varchar(30),

age number,

add\_city varchar(30),

add\_state varchar(30),

add\_street varchar(30),

add\_pincode number,

add\_doorno number

);

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1000', 'Aarav', 'HappyGuru', 'Harmony', '19', 'Mumbai', 'Maharashtra', 'Maple Street', '400001', '101');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1001', 'Akshay', 'SportySpice', 'Flamingo', '20', 'Delhi', 'Delhi', 'Oak Avenue', '110001', '102');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1002', 'Ameya', 'PixelPenguin', 'Acoustic', '21', 'Bangalore', 'Karnataka', 'Elm Street', '560001', '103');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1003', 'Anika', 'TechNinja', 'Jubilant', '22', 'Kolkata', 'West Bengal', 'Pine Avenue', '700001', '104');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1004', 'Arjun', 'SunnyDays', 'Cascade', '23', 'Hyderabad', 'Telangana', 'Cedar Lane', '500001', '105');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1005', 'Bhavya', 'WildExplorer', 'Nostalgia', '24', 'Chennai', 'Tamil Nadu', 'Birch Road', '600001', '106');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1006', 'Devanshi', 'CosmicDreamer', 'Ethereal', '25', 'Ahmedabad', 'Gujarat', 'Willow Lane', '380001', '107');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1007', 'Esha', 'SweetTooth', 'Luminous', '26', 'Pune', 'Rajasthan', 'Cherry Street', '411001', '108');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1008', 'Gauri', 'AquaAdventurer', 'Oasis', '27', 'Surat', 'Uttar Pradesh', 'Chestnut Avenue', '395001', '109');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1009', 'Ishan', 'ZenMaster', 'Zenith', '21', 'Jaipur', 'Andhra Pradesh', 'Magnolia Road', '302001', '110');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1010', 'Jhanvi', 'LunarLover', 'Intrigue', '29', 'Lucknow', 'Madhya Pradesh', 'Walnut Drive', '226001', '111');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1011', 'Kavya', 'ElectricEagle', 'Enigma', '30', 'Kanpur', 'Bihar', 'Juniper Avenue', '208001', '112');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1012', 'Lakshya', 'MountainHiker', 'Velocity', '23', 'Nagpur', 'Punjab', 'Sycamore Street', '440001', '113');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1013', 'Mihir', 'TropicalTiki', 'Fervent', '32', 'Pune', 'Maharashtra', 'Spruce Lane', '530001', '114');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1014', 'Nandini', 'JazzJunkie', 'Serenity', '33', 'Bhopal', 'Kerala', 'Acacia Road', '462001', '115');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1015', 'Omkar', 'SecretAgent', 'Wistful', '34', 'Patna', 'Odisha', 'Holly Avenue', '800001', '116');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1016', 'Vishal', 'PixelPenguin', 'Firefly', '28', 'Chandigarh', 'Punjab', 'Fir Avenue', '160001', '125');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1017', 'Yash', 'SkyWalker', 'Horizon', '26', 'Ahmedabad', 'Gujarat', 'Cypress Street', '380001', '126');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1018', 'Zara', 'MoonChild', 'Lavender', '23', 'Pune', 'Maharashtra', 'Spruce Lane', '411001', '127');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1019', 'Arya', 'BreezyBeach', 'Paradise', '24', 'Chennai', 'Tamil Nadu', 'Palm Road', '600001', '128');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1020', 'Aman', 'Wanderlust', 'Journey', '21', 'Hyderabad', 'Telangana', 'Cedar Lane', '500001', '117');

INSERT INTO user\_table (adhar\_id, user\_name, user\_id, user\_password, age, add\_city, add\_state, add\_street, add\_pincode, add\_doorno) VALUES ('1021', 'Gautam', 'kkrriders', 'jackkallis', '25', 'Delhi', 'Delhi', 'Cannought Place', '400202', '192');

**Creating tables dba and db\_manager:**

create table db\_manager

(

aid number primary key

);

alter table db\_manager add constraint db\_manager\_con1 foreign key(aid) references user\_table(adhar\_id);

create table dba

(

aid number primary key

) ;

alter table dba add constraint dba\_con1 foreign key(aid) references user\_table(adhar\_id);

INSERT INTO db\_manager (aid) VALUES ('1017');

INSERT INTO db\_manager (aid) VALUES ('1018');

INSERT INTO db\_manager (aid) VALUES ('1019');

INSERT INTO db\_manager (aid) VALUES ('1020');

INSERT INTO dba (aid) VALUES ('1021');

**Creating table user\_phno:**

create table user\_phno

(

aid number,

phone\_no number

);

alter table user\_phno add constraint user\_phno\_con1 primary key (aid,phone\_no);

alter table user\_phno add constraint user\_phno\_con2 foreign key(aid) references user\_table(adhar\_id);

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1000', '1765092843');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1001', '8456039127');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1002', '3215987064');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1003', '7625109834');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1004', '2498150376');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1005', '9361852047');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1006', '4078126953');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1007', '5819034267');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1008', '2837561409');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1009', '6951402378');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1010', '1574839062');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1011', '8307192645');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1012', '4679105823');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1013', '2947680135');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1014', '5037914682');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1015', '7081362495');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1016', '1863279405');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1017', '6204381975');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1018', '9415738260');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1019', '3710659284');

INSERT INTO user\_phno (aid, phone\_no) VALUES ('1020', '9876543210');

**Creating table property:**

create table property (

aid number,

property\_id number primary key,

rent\_per\_month number,

percentage\_hike number,

add\_state varchar(30),

add\_city varchar(30),

add\_streetname varchar(30),

add\_pincode number,

add\_doorno number,

floor\_no number,

available\_from date,

available\_to date,

plinth\_area number,

total\_area number,

type\_id number,

no\_of\_rooms number

);

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1000', '1', '15000', '4.2', 'California', 'Beverly Hills', 'Beverly Hills', '90210', '1001', '1', '12-Jun-2022', '01-Feb-2024', '900', '1100', '1', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1001', '2', '25000', '2.6', 'New York', 'New York City', 'SoHo', '10001', '111', '2', '05-Aug-2023', '02-Apr-2024', '1500', '1800', '2', '5');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1002', '3', '18000', '6.1', 'Florida', 'Miami Beach', 'South Beach', '33139', '2201', '3', '30-Jan-2024', '06-Jun-2024', '1000', '1300', '1', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1003', '4', '30000', '8.3', 'California', 'San Francisco', 'Nob Hill', '94109', '1255', '1', '21-May-2023', '20-Jul-2024', '1800', '2000', '1', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1004', '5', '20000', '7.6', 'District of Columbia', 'Washington D.C.', 'Georgetown', '20007', '3100', '2', '17-Sep-2023', '01-Sep-2024', '1200', '1500', '1', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1005', '6', '22000', '3.9', 'Texas', 'Houston', 'River Oaks', '77019', '2341', '3', '06-Jul-2023', '04-Oct-2024', '800', '1200', '1', '2');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1007', '7', '28000', '6.7', 'Massachusetts', 'Boston', 'Back Bay', '2116', '117', '1', '18-Dec-2022', '14-Nov-2024', '1400', '1700', '2', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1009', '8', '35000', '4.8', 'New York', 'Southampton', 'The Hamptons', '11968', '75', '1', '09-Aug-2022', '18-Dec-2024', '2000', '2500', '2', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1006', '9', '40000', '5.9', 'California', 'Los Angeles', 'Hollywood Hills', '90069', '2111', '4', '12-Mar-2024', '25-Jan-2025', '2500', '3000', '1', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1001', '10', '22000', '8.5', 'California', 'Pacific Palisades', 'Pacific Palisades', '90272', '1687', '1', '28-Nov-2023', '15-Feb-2025', '900', '1200', '2', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1010', '11', '27000', '9.1', 'New York', 'New York City', 'Upper East Side', '10028', '1016', '2', '06-Oct-2022', '29-Mar-2025', '1700', '2200', '1', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1011', '12', '32000', '3.5', 'England', 'London', 'Knightsbridge', '10010', '23', '3', '11-Sep-2022', '11-May-2025', '2200', '2800', '2', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1006', '13', '18000', '2.2', 'California', 'Santa Monica', 'Santa Monica', '90401', '120', '2', '14-Jun-2023', '21-Jun-2025', '1000', '1300', '2', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1001', '14', '24000', '7.2', 'California', 'Los Angeles', 'Bel Air', '90077', '247', '10', '23-Feb-2024', '12-Jul-2025', '1600', '1900', '2', '12');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1005', '15', '28000', '6.9', 'New York', 'New York City', 'West Village', '10014', '79', '1', '19-Oct-2023', '19-Aug-2025', '1900', '2100', '1', '5');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1002', '16', '20000', '5.1', 'California', 'Malibu', 'Malibu', '90265', '23500', '2', '22-Jul-2022', '22-Sep-2025', '1300', '1600', '2', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1001', '17', '26000', '8.6', 'England', 'London', 'South Kensington', '12356', '56', '4', '25-Nov-2022', '11-Oct-2025', '2100', '2400', '1', '5');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1000', '18', '18000', '2.9', 'New York', 'New York City', 'Tribeca', '10013', '50', '1', '08-Apr-2024', '07-Nov-2025', '1000', '1300', '1', '7');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1006', '19', '35000', '6.8', 'Florida', 'Miami', 'Coconut Grove', '33133', '2820', '2', '11-Feb-2023', '18-Dec-2025', '2200', '2800', '1', '4');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1008', '20', '30000', '9.7', 'England', 'London', 'Mayfair', '12110', '3', '1', '03-Apr-2023', '27-Jan-2026', '2000', '2500', '2', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1005', '21', '24000', '1.5', 'California', 'Los Angeles', 'Westwood', '90024', '10977', '2', '16-May-2024', '21-Feb-2026', '1400', '1700', '2', '3');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1011', '22', '18000', '7.8', 'Provence-Alpes', 'Saint-Tropez', 'St. Tropez', '83990', '839', '3', '31-Dec-2022', '05-Apr-2026', '900', '1200', '2', '2');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1000', '23', '27000', '5.5', 'New York', 'New York City', 'Battery Park City', '10280', '1', '3', '27-Aug-2022', '20-May-2026', '1700', '2200', '1', '7');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1005', '24', '22000', '8.1', 'California', 'Venice Beach', 'Venice Beach', '90291', '1505', '1', '08-Sep-2023', '17-Jun-2026', '1500', '1800', '1', '6');

INSERT INTO property (aid, property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms) VALUES ('1011', '25', '25000', '3.3', 'Florida', 'Coral Gables', 'Coral Gables', '33134', '4711', '2', '15-Jan-2024', '29-Jul-2026', '1800', '2000', '1', '8');

alter table property add constraint property\_con1 foreign key(aid) references user\_table(adhar\_id);

**Creating table type\_table:**

create table type\_table

(

type\_id number primary key,

type\_name varchar(30)

);

INSERT INTO type\_table (type\_id, type\_name) VALUES ('1', 'RESIDENTIAL');

INSERT INTO type\_table (type\_id, type\_name) VALUES ('2', 'COMMERCIAL');

alter table property add constraint property\_con2 foreign key(type\_id) references type\_table(type\_id);

**Creating table rent\_history:**

create table rent\_history (

aid number,

pid number,

start\_date date,

end\_date date,

hike number,

agency number,

rent\_per\_month number

);

alter table rent\_history add constraint rent\_history\_con1 primary key (aid ,pid,start\_date) ;

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1012', '1', '1-Jul-2020', '1-Aug-2022', '1000', '0.04', '30000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1013', '4', '21-May-2020', '21-June-2020', '2000', '0.06', '40000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1012', '2', '05-Aug-2020', '05-Sep-2020', '3500', '0.053', '55000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1014', '5', '17-Sep-2020', '17-Oct-2020', '12000', '0.053', '130000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1015', '3', '30-Jan-2019', '1-Mar-2019', '4000', '0.053', '24000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1016', '6', '06-Jul-2018', '06-Aug-2018', '5000', '0.063', '65000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1013', '2', '05-Aug-2021', '05-Sep-2021', '2300', '0.057', '55000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1014', '7', '18-Dec-2021', '19-Jan-2022', '5000', '0.035', '60000');

INSERT INTO rent\_history (aid, pid, start\_date, end\_date , hike, agency, rent\_per\_month) VALUES ('1015', '6', '06-Jul-2019', '07-Aug-2019', '5500', '0.041', '30000');

alter table rent\_history add constraint rent\_history\_con2 foreign key (aid) references user\_table(adhar\_id);

alter table rent\_history add constraint rent\_history\_con3 foreign key (pid) references property(property\_id);

—----------------------------

**Q1 Write a Stored Procedure to enter a record for property. Name of the stored procedure is *InsertPropertyRecord*(with necessary arguments/parameters for the attributes of the record).**

create or replace PROCEDURE insertpropertyrecord(aid1 in number,property\_id1 in number,rent\_per\_month1 in number,percentage\_hike1 in number,add\_state1 in varchar ,add\_city1 in varchar,add\_streetname1 varchar,add\_pincode1 in number,add\_doorno1 in number,floor\_no1 in number,available\_from1 in date,available\_to1 in date,plinth\_area1 in number,total\_area1 in number,type\_id1 in number,no\_of\_rooms1 in number )is

begin

insert into property(aid ,property\_id ,rent\_per\_month ,percentage\_hike ,add\_state ,add\_city ,add\_streetname ,add\_pincode ,add\_doorno ,floor\_no ,available\_from ,available\_to ,plinth\_area ,total\_area ,type\_id ,no\_of\_rooms)

values

(aid1 ,property\_id1 ,rent\_per\_month1 ,percentage\_hike1 ,add\_state1 ,add\_city1 ,add\_streetname1,add\_pincode1 ,add\_doorno1 ,floor\_no1 ,available\_from1 ,available\_to1 ,plinth\_area1 ,total\_area1 ,type\_id1 ,no\_of\_rooms1 );

end;

/

—----------

**Q2 Write a Stored Procedure to display the properties (with all details) for a given ownerID. Name of the stored procedure is *GetPropertyRecords*(with Owner ID as the parameter).**

CREATE OR REPLACE PROCEDURE getpropertyrecord(aid1 NUMBER) IS

property\_id1 NUMBER;

rent\_per\_month1 NUMBER;

percentage\_hike1 NUMBER;

add\_state1 VARCHAR(30);

add\_city1 VARCHAR(30);

add\_streetname1 VARCHAR(30);

add\_pincode1 NUMBER;

add\_doorno1 NUMBER;

floor\_no1 NUMBER;

available\_from1 DATE;

available\_to1 DATE;

plith\_area1 NUMBER;

total\_area1 NUMBER;

type\_id1 NUMBER;

no\_of\_rooms1 NUMBER;

ans NUMBER;

CURSOR printer IS

SELECT property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms

FROM property

WHERE aid = aid1;

BEGIN

SELECT COUNT(\*) INTO ans FROM property WHERE aid = aid1;

IF ans > 0 THEN

OPEN printer;

LOOP

FETCH printer INTO property\_id1, rent\_per\_month1, percentage\_hike1, add\_state1, add\_city1, add\_streetname1, add\_pincode1, add\_doorno1, floor\_no1, available\_from1, available\_to1, plith\_area1, total\_area1, type\_id1, no\_of\_rooms1;

EXIT WHEN printer%NOTFOUND;

BEGIN

DBMS\_OUTPUT.PUT\_LINE('pid: ' || property\_id1 || ' rent\_per\_month: ' || rent\_per\_month1 || ' percentage\_hike: ' || percentage\_hike1 || ' add\_state: ' || add\_state1 || ' add\_city: ' || add\_city1 || ' add\_streetname: ' || add\_streetname1 || ' add\_pincode: ' || add\_pincode1 || ' add\_doorno1: ' || add\_doorno1 || ' available\_from1: ' || available\_from1 || ' available\_to1: ' || available\_to1 || ' plith\_area: ' || plith\_area1 || ' total\_area1: ' || total\_area1 || ' type: ' || type\_id1 || ' no\_of\_rooms: ' || no\_of\_rooms1);

END;

END LOOP;

CLOSE printer;

ELSE

DBMS\_OUTPUT.PUT\_LINE('no property');

END IF;

END;

/

**Q3)Write a stored procedure to Print the tenant details for a given property. Name of the stored procedure is *GetTenantDetails*(with property id as the argument).**

create or replace procedure getuserdetails0(aid1 number) as

user\_name1 varchar(35);

user\_id1 varchar(35);

age1 number;

add\_city1 varchar(35);

add\_state1 varchar(35);

add\_street1 varchar(35);

add\_pincode1 number;

add\_doorno1 number;

ans number;

begin

select count(\*)into ans from user\_table where adhar\_id=aid1;

if(ans>0) then

SELECT user\_name ,user\_id ,age ,add\_city,add\_state ,add\_street ,add\_pincode ,add\_doorno into user\_name1 ,user\_id1 ,age1 ,add\_city1,add\_state1 ,add\_street1 ,add\_pincode1 ,add\_doorno1

from user\_table

where adhar\_id=aid1;

begin

dbms\_output.put\_line('user name: '||user\_name1||' user\_id: '||user\_id1||' age: '||age1||' add\_city: '||add\_city1|| ' add\_state: '||add\_state1||' add\_street: '||add\_street1||' add\_pincode: '||add\_pincode1||' add\_doorno:'||add\_doorno1);

end;

else

dbms\_output.put\_line('no such value');

end if;

END; -- Add this line to close the IF block

/

CREATE OR REPLACE PROCEDURE GETTENANTDETAILS(PID1 NUMBER) AS

AID1 NUMBER;

END\_DATE1 DATE;

ANS NUMBER;

BEGIN

SELECT COUNT(\*) INTO ANS FROM RENT\_HISTORY WHERE PID1=PID;

IF (ANS>0) THEN

BEGIN

SELECT AID INTO AID1 FROM RENT\_HISTORY WHERE PID1=PID AND END\_DATE > (SELECT CURRENT\_DATE FROM DUAL);

BEGIN

GETUSERDETAILS0(AID1);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('No user details found for the given Adhar ID');

END;

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('No rent history found in the current date');

END;

ELSE

DBMS\_OUTPUT.PUT\_LINE('No such record');

END IF;

END;

/

**Q4) Write a Stored Procedure to enter a record for a new User. Name of the stored procedure is *CreateNewUser* (with necessary arguments/parameters for the attributes like- user name, address, login credentials etc. of the record).**

create or replace PROCEDURE createnewuser(adhar\_id1 in number ,user\_name1 in varchar,user\_id1 in varchar,user\_password1 in varchar,age1 in number,add\_city1 in varchar,add\_state1 in varchar,add\_street1 in varchar,add\_pincode1 in number,add\_doorno1 in number) as

begin

insert into user\_table(adhar\_id ,user\_name ,user\_id ,user\_password ,age ,add\_city ,add\_state ,add\_street ,add\_pincode ,add\_doorno)

values

(adhar\_id1 ,user\_name1 ,user\_id1 ,user\_password1 ,age1 ,add\_city1 ,add\_state1 ,add\_street1 ,add\_pincode1 ,add\_doorno1 );

end;

/

**Q5)Write a stored procedure that prints details of properties available in a city/locality. Name of the stored procedure is *SearchProperyForRent*(with city/locality as the argument).**

create or replace procedure searchpropertybyboth(loc varchar) as

ans number;

property\_id1 number;

rent\_per\_month1 number;

percentage\_hike1 number;

add\_state1 varchar(35);

add\_city1 varchar(35);

add\_streetname1 varchar(35);

add\_pincode1 number;

add\_doorno1 number;

floor\_no1 number;

available\_from1 date;

available\_to1 date;

plith\_area1 number;

total\_area1 number;

type\_id1 number;

no\_of\_rooms1 number;

cursor printer is

select property\_id, rent\_per\_month, percentage\_hike, add\_state, add\_city, add\_streetname, add\_pincode, add\_doorno, floor\_no, available\_from, available\_to, plinth\_area, total\_area, type\_id, no\_of\_rooms

from property

where add\_city = loc or add\_streetname = loc;

begin

select count(\*) into ans from property where add\_city = loc or add\_streetname = loc;

if ans > 0 then

open printer;

loop

fetch printer into property\_id1, rent\_per\_month1, percentage\_hike1, add\_state1, add\_city1, add\_streetname1, add\_pincode1, add\_doorno1, floor\_no1, available\_from1, available\_to1, plith\_area1, total\_area1, type\_id1, no\_of\_rooms1;

exit when printer%notfound;

begin

dbms\_output.put\_line('pid: ' || property\_id1 || ' rent\_per\_month: ' || rent\_per\_month1 || ' percentage\_hike: ' || percentage\_hike1 || ' add\_state: ' || add\_state1 || ' add\_city: ' || add\_city1 || ' add\_streetname: ' || add\_streetname1 || ' add\_pincode: ' || add\_pincode1 || ' add\_doorno: ' || add\_doorno1 || ' floor\_no: ' || floor\_no1 || ' available\_from: ' || available\_from1 || ' available\_to: ' || available\_to1 || ' plith\_area: ' || plith\_area1 || ' total\_area: ' || total\_area1 || ' type: ' || type\_id1 || ' no\_of\_rooms: ' || no\_of\_rooms1);

end;

end loop;

close printer;

else

dbms\_output.put\_line('no property in this location');

end if;

end;

/

**Q6) Write a stored procedure to print the rent history for a given property. Name of the stored procedure is *GetRentHistory*(with property id as the argument).**

create or replace procedure getrenthistory(pid1 number) as

ans number;

aid1 number;

start\_date1 date;

end\_date1 date;

hike1 number;

agency1 number;

rent\_per\_month1 number;

cursor printer is select

aid ,start\_date ,end\_date,hike ,agency,rent\_per\_month

from rent\_history where pid=pid1;

begin

select count(\*) into ans from rent\_history where pid=pid1;

if ans>0 then

open printer;

loop

fetch printer into aid1 ,start\_date1 ,end\_date1,hike1 ,agency1,rent\_per\_month1;

exit when printer%notfound;

begin

dbms\_output.put\_line(' aid: '||aid1||' start\_date: '||start\_date1||' end\_date1: ' ||end\_date1||' hike: '||hike1||' agency: ' ||agency1||' rent\_per\_month: '||rent\_per\_month1 );

end;

end loop;

close printer;

else

dbms\_output.put\_line('this has never been rented');

end if;

end;

/