1. **CREATE CUSTOMERS TABLE**

CREATE TABLE customers (

id NUMBER PRIMARY KEY,

customer\_id VARCHAR2(20),

customer\_name VARCHAR2(50),

customer\_acc\_no VARCHAR2(20),

password VARCHAR2(50),

Date\_of\_birth DATE,

gender VARCHAR2(10),

State VARCHAR2(50),

City VARCHAR2(50),

Zipcode VARCHAR2(10),

Street\_no VARCHAR2(20),

House\_no VARCHAR2(20),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE

);

1. **CREATE CUSTOMER\_CONTACT\_INFO TABLE**

CREATE TABLE customer\_contact\_info (

id NUMBER PRIMARY KEY,

contact\_no VARCHAR2(20),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE

);

1. **ADD CUSTOMER\_ID AS A FOREIGN KEY AT CUSTOMER\_CONTACT\_INFO TABLE FROM CUSTOMERS TABLE**

ALTER TABLE customer\_contact\_info ADD CONSTRAINT fk\_customer\_id

FOREIGN KEY (customer\_id)

REFERENCES customers(id);

1. **CREATE OWNERS TABLE.**

CREATE TABLE owners (

owner\_id NUMBER PRIMARY KEY,

name VARCHAR2(50),

password VARCHAR2(50),

Date\_of\_birth DATE,

State VARCHAR2(50),

City VARCHAR2(50),

Street\_no VARCHAR2(20),

House\_no VARCHAR2(20),

Zip\_code VARCHAR2(10),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE

);

1. **CREATE OWNER\_CONTACT\_INFO TABLE.**

CREATE TABLE owner\_contact\_info (

id NUMBER PRIMARY KEY,

owner\_id NUMBER,

contact\_no VARCHAR2(20),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE

);

1. **ADD OWNER\_ID AS A FOREIGN KEY AT OWNER\_CONTACT\_INFO TABLE FROM OWNERS TABLE**

ALTER TABLE owner\_contact\_info ADD CONSTRAINT fk\_owner\_id

FOREIGN KEY (owner\_id)

REFERENCES owners(owner\_id);

1. **CREATE OFFICE\_SPACE TABLE.**

CREATE TABLE office\_space (

office\_id NUMBER PRIMARY KEY,

owners\_id NUMBER,

floor\_no NUMBER,

total\_cost NUMBER,

space\_name VARCHAR2(50),

recreational\_corner VARCHAR2(10),

size\_of\_room VARCHAR(20),

parking\_space VARCHAR2(10),

area\_in\_sqrmtr NUMBER,

cost\_of\_each\_room NUMBER,

type\_of\_rooms VARCHAR2(20),

shared\_space VARCHAR2(20),

shared\_gender VARCHAR2(10),

numbers\_of\_shares NUMBER,

state VARCHAR2(50),

city VARCHAR2(50),

street\_no VARCHAR2(20),

house\_no VARCHAR2(20),

zipcode VARCHAR2(10),

monthly\_availability DATE,

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (owners\_id) REFERENCES owners(owner\_id)

);

1. **CREATE LIVING\_SPACE TABLE.**

CREATE TABLE living\_space (

House\_no NUMBER PRIMARY KEY,

owner\_id NUMBER,

space\_name VARCHAR2(50),

Full\_Furnished\_room VARCHAR2(20),

Total\_floor NUMBER,

Area\_in\_sqrmtr NUMBER,

cost NUMBER,

number\_of\_rooms NUMBER,

shared\_space VARCHAR2(20),

shared\_gender VARCHAR2(10),

numbers\_of\_shares NUMBER,

state VARCHAR2(50),

city VARCHAR2(50),

zipcode VARCHAR2(10),

street\_no VARCHAR2(20),

monthly\_availability DATE,

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (owner\_id) REFERENCES owners(owner\_id)

);

1. **CREATE OFFICE\_SPACE\_IMAGES TABLE.**

CREATE TABLE office\_space\_images (

id NUMBER PRIMARY KEY,

officeid NUMBER,

images VARCHAR2(100),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (officeid) REFERENCES office\_space(office\_id)

);

1. **CREATE PAYMENT\_INFO TABLE.**

CREATE TABLE payment\_info (

payment\_id NUMBER PRIMARY KEY,

customer\_acc\_no VARCHAR2(20),

customer\_id NUMBER,

Amount NUMBER,

payment\_date DATE,

payment\_mode VARCHAR2(20),

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

1. **CREATE OFFICE\_BOOKING TABLE.**

CREATE TABLE office\_booking (

booking\_id NUMBER PRIMARY KEY,

space\_id NUMBER,

booking\_type VARCHAR2(20),

customers\_id NUMBER,

start\_date DATE,

end\_date DATE,

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (space\_id) REFERENCES office\_space(office\_id),

FOREIGN KEY (customers\_id) REFERENCES customers(id)

);

1. **CREATE LIVING\_BOOKING TABLE.**

CREATE TABLE living\_booking (

booking\_id NUMBER PRIMARY KEY,

spaceid NUMBER,

booking\_type VARCHAR2(20),

customers NUMBER,

start\_date DATE,

end\_date DATE,

status VARCHAR2(20),

created\_at TIMESTAMP DEFAULT SYSDATE,

updated\_at TIMESTAMP DEFAULT SYSDATE,

FOREIGN KEY (spaceid) REFERENCES living\_space (House\_no),

FOREIGN KEY (customers) REFERENCES customers(id)

);

1. **INSERT INTO CUSTOMERS**

INSERT INTO customers (id,customer\_name, customer\_acc\_no, password, Date\_of\_birth, gender, State, City, Zipcode, Street\_no, House\_no, status) VALUES

(10,'Grace Zhang', '0123456789', 'passwordqrs', TO\_DATE('1980-12-05', 'YYYY-MM-DD'), 'Female', 'Washington', 'Seattle', '98101', '890 Pike St', 'Unit 201', 'Inactive');

1. **SEE FROM CUSTOMERS TABLE**

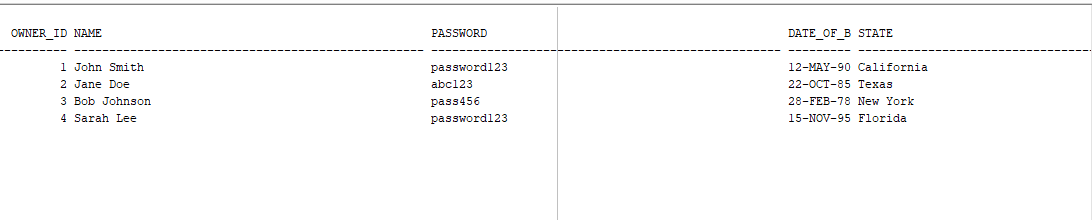
SELECT \* FROM customers

1. **SEE ALL FROM CUSTOMER\_CONTACT\_INFO TABLE**

SELECT \* FROM customer\_contact\_info;

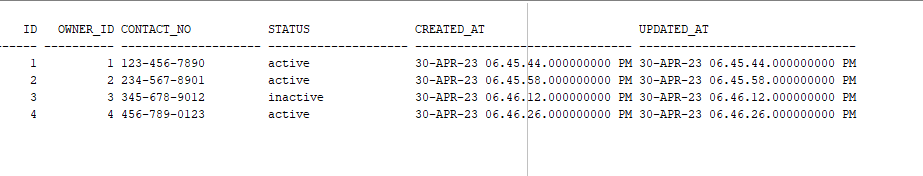
1. **PRINT ALL OWNERS WITH TABLE EXAMPLE**

select \* from owners;



1. **SEE ALL OWNERS CONTACT INFORMATION**

SELECT \* FROM owner\_contact\_info;



1. **ADD DATA INTO OFFICE SPACE.**

INSERT INTO office\_space

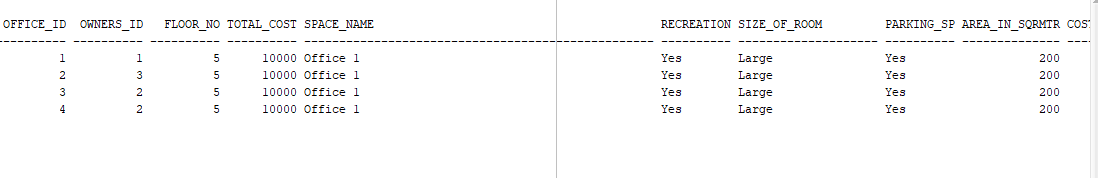
(office\_id, owners\_id, floor\_no, total\_cost, space\_name, recreational\_corner, size\_of\_room, parking\_space, area\_in\_sqrmtr, cost\_of\_each\_room, type\_of\_rooms, shared\_space, shared\_gender, numbers\_of\_shares, state, city, street\_no, house\_no, zipcode, monthly\_availability, status, created\_at, updated\_at)

VALUES

(4,2,5,10000, 'Office 1', 'Yes', 'Large', 'Yes', 200, 5000, 'Private', 'No', 'Yes', 5, 'Delhi', 'delhi', '123 Main Street', 'Ghm 100', '144101', TO\_DATE('2023-12-05', 'YYYY-MM-DD'),'Active' , SYSDATE, SYSDATE);

1. **SEE INFO ALL FROM OFFICE SPACE**

SELECT \* FROM office\_space;



1. **INSERT DATA INTO OFFICE\_SPACE\_IMAGES**

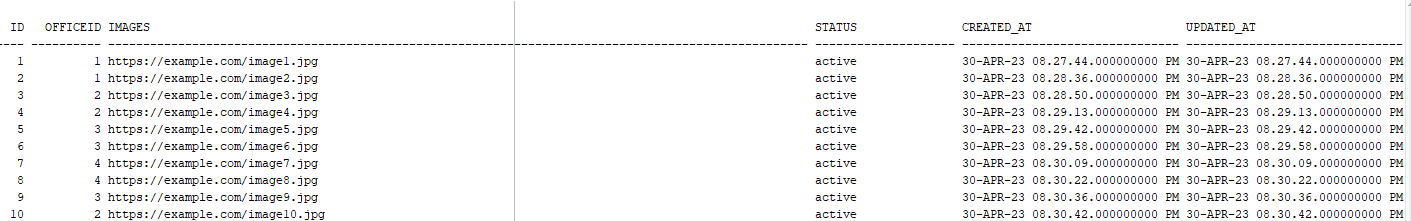
INSERT INTO office\_space\_images (id, officeid, images, status, created\_at, updated\_at)

VALUES

(10, 2, 'https://example.com/image10.jpg', 'active', SYSDATE, SYSDATE);

1. **FETCH ALL IMAGES FROM OFFICE\_SPACE\_IMAGE.**

SELECT \* FROM office\_space\_image;



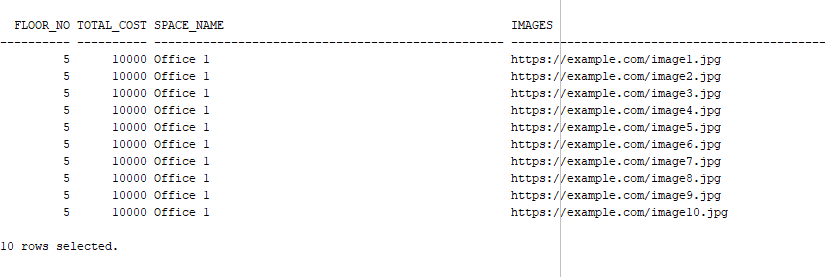
1. **COMBINE OFFICE SPACE TABLE WITH IMAGES FROM OFFICE SPACE IMAGES TABLE**

SELECT o.floor\_no, o.total\_cost, o.space\_name, i.images

FROM office\_space o

JOIN office\_space\_images i

ON o.office\_id = i.officeid;



1. **INSERT DATA INTO LIVING SPACE TABLE.**

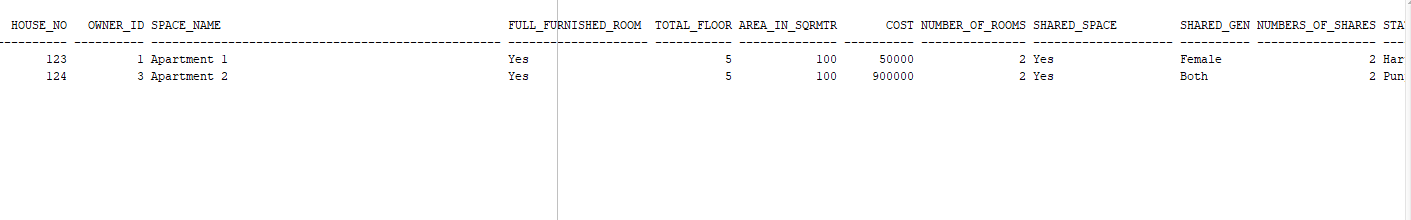
INSERT INTO living\_space (House\_no, owner\_id, space\_name, Full\_Furnished\_room, Total\_floor, Area\_in\_sqrmtr, cost, number\_of\_rooms, shared\_space, shared\_gender, numbers\_of\_shares, state, city, zipcode, street\_no, monthly\_availability, status, created\_at, updated\_at)

VALUES

('123', 1, 'Apartment 1', 'Yes', 5, 100, 50000, 2, 'Yes', 'Female', 2, 'Haryana', 'Ambala', '10001', '123 Main St', TO\_DATE('2023-12-05', 'YYYY-MM-DD'), 'Active', SYSDATE, SYSDATE);

1. **SELECT ALL ROWS FROM LIVING SPACE TABLE**

SELECT \* FROM living\_space;



1. **INSERT INTO PAYMENT\_INFO**

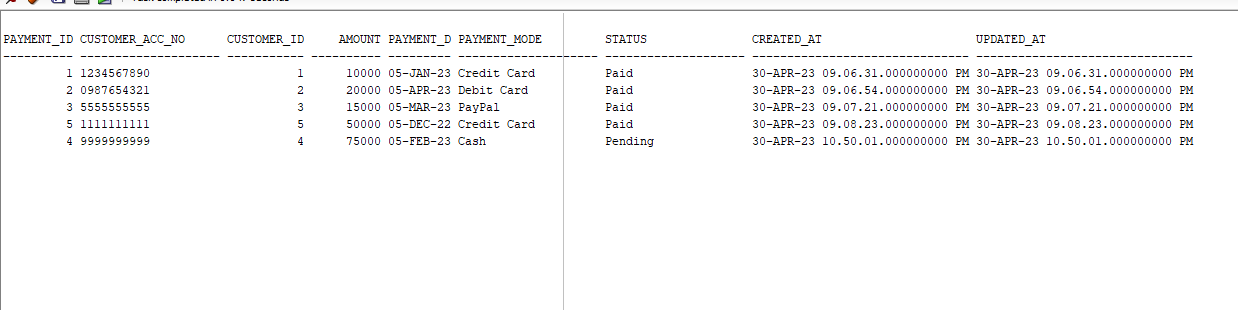
INSERT INTO payment\_info (payment\_id, customer\_acc\_no, customer\_id, Amount, payment\_date, payment\_mode, status, created\_at, updated\_at)

VALUES

(1, '1234567890', 1, 10000, TO\_DATE('2023-01-05', 'YYYY-MM-DD'), ', 'Credit Card', 'Paid', SYSDATE, SYSDATE),

1. **SELECT FROM PAYMENT\_INFO**

SELECT \* FROM payment\_info



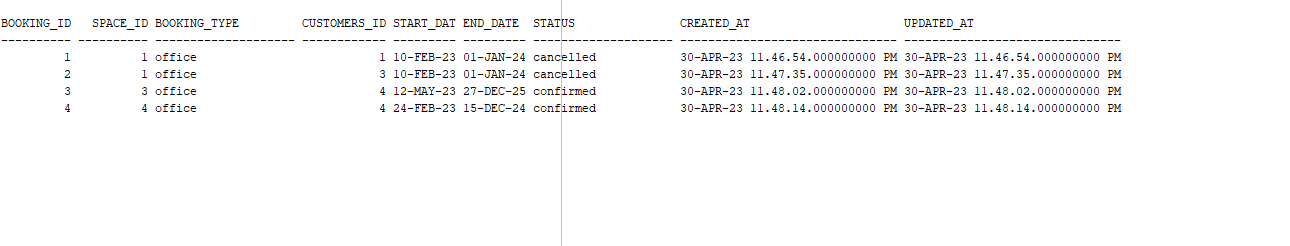
1. **INSERT DATA INTO OFFICE\_BOOKING**

INSERT INTO office\_booking (booking\_id, space\_id, booking\_type, customers\_id, start\_date, end\_date, status, created\_at, updated\_at)

VALUES (1, 1, 'office', 1, TO\_DATE('2023-02-10', 'YYYY-MM-DD'), TO\_DATE('2024-01-01', 'YYYY-MM-DD'), 'cancelled', SYSDATE, SYSDATE);

1. **FETCH DATA FROM OFFICE\_BOOKING**

SELECT \* office\_booking;



1. **INSERT DATA INTO LIVING\_BOOKING**

INSERT INTO living\_booking (booking\_id, spaceid, booking\_type, customers, start\_date, end\_date, status, created\_at, updated\_at)

VALUES (1, 123, 'living', 5, TO\_DATE('2023-01-05', 'YYYY-MM-DD'), TO\_DATE('2023-12-05', 'YYYY-MM-DD'), 'confirmed',SYSDATE, SYSDATE);

1. **FETCH DATA FROM LIVING\_BOOKING**

SELECT \* living\_booking;

