

SQL JOINS

1. Create table_1

```
CREATE TABLE table_1 (  
    id INT PRIMARY KEY,  
    name VARCHAR(50),  
    age INT,  
    city VARCHAR(50),  
    phonenumber VARCHAR(15)  
);
```

2. Create table_2

```
CREATE TABLE table_2 (  
    order_id INT PRIMARY KEY,  
    id INT,  
    order_date DATE  
);
```

3. Insert Data into table_1

```
INSERT INTO table_1 (id, name, age, city, phonenumber)  
VALUES  
(1, 'Radha 1', 25, 'Vrindhavan', '1234567890'),  
(2, 'Radha 2', 30, 'Vrindhavan', '0987654321'),  
(3, 'Krishna 1', 28, 'Vrindhavan', '1122334455'),  
(4, 'Krishna 2', 32, 'Vrindhavan', '5566778899');
```

4. Insert Data into table_2

```
INSERT INTO table_2 (order_id, id, order_date)  
VALUES  
(101, 1, '2024-09-10'),  
(102, 2, '2024-09-11'),  
(103, 3, '2024-09-12'),  
(104, 1, '2024-09-13');
```

5. INNER JOIN

```
SELECT table_1.name, table_1.age, table_1.city, table_1.phonenumber, table_2.order_id,  
FROM table_1  
INNER JOIN table_2 ON table_1.id = table_2.id;
```

6. LEFT JOIN

```
SELECT table_1.name, table_1.age, table_1.city, table_1.phonenumber, table_2.order_id,  
FROM table_1
```

```
LEFT JOIN table_2 ON table_1.id = table_2.id;
```

7. RIGHT JOIN

```
SELECT table_1.name, table_1.age, table_1.city, table_1.phonenumber, table_2.order_id,  
FROM table_1  
RIGHT JOIN table_2 ON table_1.id = table_2.id;
```

8. FULL OUTER JOIN

```
SELECT table_1.name, table_1.age, table_1.city, table_1.phonenumber, table_2.order_id,  
FROM table_1  
FULL OUTER JOIN table_2 ON table_1.id = table_2.id;
```