```
postgres=# CREATE TABLE customers( cid int primary key, name varchar(50),address varchar(20));
CREATE TABLE
postgres=# \d customers;
                  Table "public.customers"
 Column  |         Type          | Collation | Nullable | Default
---------+-----------------------+-----------+----------+---------
 cid     | integer               |           | not null |
 name    | character varying(50) |           |          |
 address | character varying(20) |           |          |
Indexes:
    "customers_pkey" PRIMARY KEY, btree (cid)
```

```
postgres=# INSERT INTO customers VALUES (101,'Madhuri Nene','Mumbai'),(102,'Sushant Rajput','Delhi'),(103,'Aly Goni','Kashmir'),(104,'Faisal Shaikh','Hydera
bad'),(105,'Shraddha Kapoor','Mumbai');
INSERT 0 5
postgres=# SELECT * FROM customers;
 cid |      name       |  address
-----+-----------------+-----------
 101 | Madhuri Nene    | Mumbai
 102 | Sushant Rajput  | Delhi
 103 | Aly Goni        | Kashmir
 104 | Faisal Shaikh   | Hyderabad
 105 | Shraddha Kapoor | Mumbai
(5 rows)
```

```
postgres=# CREATE TABLE orders1(orderid int primary key, order_date date, cid int references customers(cid));
CREATE TABLE
postgres=# \d orders1
                Table "public.orders1"
   Column   |  Type   | Collation | Nullable | Default
------------+---------+-----------+----------+---------
 orderid    | integer |           | not null |
 order_date | date    |           |          |
 cid        | integer |           |          |
Indexes:
    "orders1_pkey" PRIMARY KEY, btree (orderid)
Foreign-key constraints:
    "orders1_cid_fkey" FOREIGN KEY (cid) REFERENCES customers(cid)


postgres=# INSERT INTO orders1 VALUES (1,'6/25/2025',102),(2,'5/13/2025',101),(3,'6/20/2025',105),(4,'3/23/2025',104),(5,'2/2/2025',101);
INSERT 0 5
postgres=# SELECT * FROM orders1;
 orderid | order_date | cid
---------+------------+-----
       1 | 2025-06-25 | 102
       2 | 2025-05-13 | 101
       3 | 2025-06-20 | 105
       4 | 2025-03-23 | 104
       5 | 2025-02-02 | 101
(5 rows)


postgres=# SELECT orders1.orderid , customers.name, orders1.order_date FROM orders1 INNER JOIN customers ON orders1.cid=customers.cid;
 orderid |      name       | order_date
---------+-----------------+------------
       1 | Sushant Rajput  | 2025-06-25
       2 | Madhuri Nene    | 2025-05-13
       3 | Shraddha Kapoor | 2025-06-20
       4 | Faisal Shaikh   | 2025-03-23
       5 | Madhuri Nene    | 2025-02-02
(5 rows)
```

```
postgres=# SELECT orders1.orderid , customers.name, orders1.order_date FROM orders1 RIGHT JOIN customers ON orders1.cid=customers.cid;
 orderid |      name       | order_date
---------+-----------------+------------
       1 | Sushant Rajput  | 2025-06-25
       2 | Madhuri Nene    | 2025-05-13
       3 | Shraddha Kapoor | 2025-06-20
       4 | Faisal Shaikh   | 2025-03-23
       5 | Madhuri Nene    | 2025-02-02
         | Aly Goni        |
(6 rows)


postgres=# SELECT orders1.orderid , customers.name, orders1.order_date FROM orders1 LEFT JOIN customers ON orders1.cid=customers.cid;
 orderid |      name       | order_date
---------+-----------------+------------
       1 | Sushant Rajput  | 2025-06-25
       2 | Madhuri Nene    | 2025-05-13
       3 | Shraddha Kapoor | 2025-06-20
       4 | Faisal Shaikh   | 2025-03-23
       5 | Madhuri Nene    | 2025-02-02
(5 rows)


postgres=# SELECT orders1.orderid , customers.name, orders1.order_date FROM orders1 FULL JOIN customers ON orders1.cid=customers.cid;
 orderid |      name       | order_date
---------+-----------------+------------
       1 | Sushant Rajput  | 2025-06-25
       2 | Madhuri Nene    | 2025-05-13
       3 | Shraddha Kapoor | 2025-06-20
       4 | Faisal Shaikh   | 2025-03-23
       5 | Madhuri Nene    | 2025-02-02
         | Aly Goni        |
(6 rows)
```