

```
SQL> set lines 1000 pages 1000
```

```
SQL> SELECT o.order_id, c.name AS customer_name, o.total_amount, o.status
  2 FROM Orders o
  3 INNER JOIN Customer c ON o.customer_id = c.customer_id;
```

ORDER_ID	CUSTOMER_NAME	TOTAL_AMOUNT	STATUS
1	Aditya Narasai	25000	Completed
2	Riya Sharma	55000	Completed

```
SQL> SELECT od.detail_id, o.order_id, p.name AS product_name, od.quantity, od.subtotal
  2 FROM Order_Details od
  3 INNER JOIN Orders o ON od.order_id = o.order_id
  4 INNER JOIN Product p ON od.product_id = p.product_id;
```

DETAIL_ID	ORDER_ID	PRODUCT_NAME	QUANTITY	SUBTOTAL
1	1	Smartphone	1	25000
2	2	Laptop	1	55000

```
SQL> SELECT c.name, o.order_id, o.total_amount, o.status
  2 FROM Customer c
  3 LEFT JOIN Orders o ON c.customer_id = o.customer_id;
```

NAME	ORDER_ID	TOTAL_AMOUNT	STATUS
Aditya Narasai	1	25000	Completed
Riya Sharma	2	55000	Completed
Karan Mehta			

```
SQL> SELECT c.name AS customer_name, o.order_id, o.total_amount
  2 FROM Customer c
  3 RIGHT JOIN Orders o ON c.customer_id = o.customer_id;
```

CUSTOMER_NAME	ORDER_ID	TOTAL_AMOUNT
Aditya Narasai	1	25000
Riya Sharma	2	55000

```
SQL> SELECT c.name, o.order_id, o.total_amount
  2  FROM Customer c
  3  FULL OUTER JOIN Orders o ON c.customer_id = o.customer_id;
```

NAME	ORDER_ID	TOTAL_AMOUNT
Aditya Narasai	1	25000
Riya Sharma	2	55000
Karan Mehta		

```
SQL> SELECT c.name AS customer_name, p.name AS product_name
  2  FROM Customer c
  3  CROSS JOIN Product p;
```

CUSTOMER_NAME	PRODUCT_NAME
Aditya Narasai	Smartphone
Riya Sharma	Smartphone
Karan Mehta	Smartphone
Aditya Narasai	Laptop
Riya Sharma	Laptop
Karan Mehta	Laptop

6 rows selected.

```
SQL> SELECT p1.name AS product1, p2.name AS product2
2 FROM Product p1, Product p2
3 WHERE p1.price < p2.price;
```

PRODUCT1	PRODUCT2
Smartphone	Laptop

```
SQL>
SQL> SELECT *
2 FROM Orders
3 NATURAL JOIN Payment;
```

ORDER_ID	STATUS	CUSTOMER_ID	ORDER_DAT	TOTAL_AMOUNT	PAYMENT_ID	PAYMENT_D	AMOUNT	PAYMENT_METHOD
1	Completed	1	22-OCT-25	25000	1	22-OCT-25	25000	Credit Card
1	Completed	1	22-OCT-25	25000	3	22-OCT-25	25000	Credit Card

```
SQL> SELECT c.name AS customer_name, o.order_id, o.total_amount, p.payment_method
2 FROM Customer c
3 JOIN Orders o ON c.customer_id = o.customer_id
4 JOIN Payment p ON o.order_id = p.order_id;
```

CUSTOMER_NAME	ORDER_ID	TOTAL_AMOUNT	PAYMENT_METHOD
Aditya Narasai	1	25000	Credit Card
Riya Sharma	2	55000	UPI
Aditya Narasai	1	25000	Credit Card
Riya Sharma	2	55000	

```
SQL> SELECT c.name, o.order_id, o.total_amount
2 FROM Customer c
3 JOIN Orders o ON c.customer_id = o.customer_id
4 WHERE o.total_amount > 30000;
```

NAME	ORDER_ID	TOTAL_AMOUNT
Riya Sharma	2	55000