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create table Shipping ( sale\_id number(3),product\_id number(4),quantity\_sold number(2),sale\_date date, total\_price number(10));

insert into shipping values(1,101,5,'01-jan-2024',2500.00);

insert into shipping values(2,102,3,'02-jan-2024',900.00);

insert into shipping values(3,103,2,'02-jan-2024',60.00);

insert into shipping values(4,104,4,'03-jan-2024',80.00);

insert into shipping values(5,105,6,'03-jan-2024',90.00);

1.Retrieve all columns from the Sales table.

select \* from shipping;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 2500

2 102 3 02-JAN-24 900

3 103 2 02-JAN-24 60

4 104 4 03-JAN-24 80

5 105 6 03-JAN-24 90

2.Retrieve sale\_id and quantity\_sold from sales table.

select sale\_id,Quantity\_sold from shipping;

SALE\_ID QUANTITY\_SOLD

---------- -------------

1 5

2 3

3 2

4 4

5 6

3. Retrieve the sale\_id and sale\_date from the Sales table.

select sale\_id,sale\_date from shipping;

SALE\_ID SALE\_DATE

---------- ---------

1 01-JAN-24

2 02-JAN-24

3 02-JAN-24

4 03-JAN-24

5 03-JAN-24

4. Filter the Sales table to show only sales with a total\_price greater than $100.

SQL> select \* from shipping where total\_price > 100.00;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 2500

2 102 3 02-JAN-24 900

5. Retrieve the sale\_id and total\_price from the Sales table for sales made on January 3, 2024.

SQL> select sale\_id,total\_price from shipping where sale\_date='03=jan-2024';

SALE\_ID TOTAL\_PRICE

---------- -----------

4 80

5 90

6. Retrieve the sale\_id, product\_id, and total\_price from the Sales table for sales with a quantity\_sold greater than 4.

SQL> select sale\_id,product\_id,total\_price from shipping where quantity\_sold>4;

SALE\_ID PRODUCT\_ID TOTAL\_PRICE

---------- ---------- -----------

1 101 2500

5 105 90

7. Retrieve all columns from the Sales table those sale\_id are 1, 3 & 5.

SQL> select \* from shipping where sale\_id in (1,3,5);

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 2500

3 103 2 02-JAN-24 60

5 105 6 03-JAN-24 90

8. Retrieve all columns from the Sales table those total\_price between 90 and 1000.

SQL> select \* from shipping where total\_price between 90 and 1000;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

2 102 3 02-JAN-24 900

5 105 6 03-JAN-24 90

9. Retrieve all columns from the Sales table those total\_price not between 90 and 1000.

SQL> select \* from shipping where total\_price not between 90 and 1000;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 2500

3 103 2 02-JAN-24 60

4 104 4 03-JAN-24 80

10. Retrieve all columns from the Sales table those sale\_id are not in 1, 3 & 5.

SQL> select \* from shipping where sale\_id not in (1,3,5);

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

2 102 3 02-JAN-24 900

4 104 4 03-JAN-24 80

11. Update total\_price as 500 in the Sales table those sale\_id are 1, 3 & 5.

SQL> update shipping set total\_price=500 where sale\_id in(1,3,5);

3 rows updated.

SQL> select \* from shipping;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 500

2 102 3 02-JAN-24 900

3 103 2 02-JAN-24 500

4 104 4 03-JAN-24 80

5 105 6 03-JAN-24 500

12. delete from the Sales table those total\_price not between 90 and 1000.

SQL> delete shipping where total\_price not between 90 and 1000;

1 row deleted.

SQL> select \* from shipping;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 500

2 102 3 02-JAN-24 900

3 103 2 02-JAN-24 500

5 105 6 03-JAN-24 500

13. Sort all the records using sale\_id column in ascending order.

SQL> select \* from shipping order by sale\_id asc;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 500

2 102 3 02-JAN-24 900

3 103 2 02-JAN-24 500

5 105 6 03-JAN-24 500

14. Sort all the records using sale\_id column in descending order.

SQL> select \* from shipping order by sale\_id desc;

SALE\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

5 105 6 03-JAN-24 500

3 103 2 02-JAN-24 500

2 102 3 02-JAN-24 900

1 101 5 01-JAN-24 500

15. Rename the sale\_id column as sales\_id;

SQL> alter table shipping rename column sale\_id to sales\_id;

Table altered.

SQL> select \* from shipping;

SALES\_ID PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ---------- ------------- --------- -----------

1 101 5 01-JAN-24 500

2 102 3 02-JAN-24 900

3 103 2 02-JAN-24 500

5 105 6 03-JAN-24 500

16. Drop the column sales\_id.

SQL> alter table shipping drop column sales\_id;

Table altered.

SQL> select \* from shipping;

PRODUCT\_ID QUANTITY\_SOLD SALE\_DATE TOTAL\_PRICE

---------- ------------- --------- -----------

101 5 01-JAN-24 500

102 3 02-JAN-24 900

103 2 02-JAN-24 500

105 6 03-JAN-24 500

17. Rename the table as tbl\_sales.

SQL> alter table shipping rename to tbl\_sales;

Table altered.

18. Drop the table.

SQL> drop table tbl\_sales;

Table dropped.