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**Day-2 Assignment:**

create table Sales\_table (sale\_id number(3),product\_id number(5),quality\_sold number(2),sale\_date date,total\_price number(10,2));

insert into Sales\_table values (1,101,5,'2024-01-01','2500.00');

insert into Sales\_table values (2,102,3,'2024-01-02','900.00');

insert into Sales\_table values (3,103,2,'2024-01-02','60.00');

insert into Sales\_table values (4,104,4,'2024-01-03','80.00');

insert into Sales\_table values (5,105,6,'2024-01-03','90.00');

1. **Retrieve all columns from the Sales table.**

SQL> select \* from Sales\_table;

1. **Retrieve sale\_id and quantity\_sold from sales table.**

select sale\_id,quality\_sold from Sales\_table;

1. **Retrieve the sale\_id and sale\_date from the Sales table.**

select sale\_id,sale\_date from Sales\_table;

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

select \* from Sales\_table where total\_price >100;

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

select sale\_id,total\_price from Sales\_table where sale\_date='2024-01-03';

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

select sale\_id,product\_id,total\_price from Sales\_table where quality\_sold>4;

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

select \* from Sales\_table where sale\_id in (1,3,5);

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

select \* from Sales\_table where total\_price between 90 and 1000;

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

select \* from Sales\_table where total\_price not between 90 and 1000;

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

select \* from Sales\_table where sale\_id not in (1,3,5);

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

select \* from Sales\_table where sale\_id not in (1,3,5);

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

delete Sales\_table where total\_price not between 90 and 1000;

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

select \* from Sales\_table order by sale\_id;

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

select \* from Sales\_table order by sale\_id desc;

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

alter table Sales\_table rename column sale\_id to sales\_id;

**16. Drop the column sales\_id.**

alter table Sales\_table drop column sales\_id;

**17. Rename the table as tbl\_sales.**

rename Sales\_table to tbl\_sales;

**18. Drop the table.**

drop table tbl\_sales;