**Name:** Gowthamapriya S

**Reg No :** 73772114138

**Email :** gowthamiselvaraj2002@gmail.com

**SQL Assignment – 2**

**Create the following Sales table.**

create table Sales\_table(sale\_id number(3), product\_id number (5), quantity\_sold number(1), sale\_date date, total\_price number(10,2));

insert into Sales\_table values(1, 101, 5, TO\_DATE('2024-01-01', 'YYYY-MM-DD'), 2500.00);

insert into Sales\_table values(2, 102, 3, TO\_DATE('2024-01-02', 'YYYY-MM-DD'), 900.00);

insert into Sales\_table values(3, 103, 2, TO\_DATE('2024-01-02', 'YYYY-MM-DD'), 60.00);

insert into Sales\_table values(4, 104, 4, TO\_DATE('2024-01-03', 'YYYY-MM-DD'), 80.00);

insert into Sales\_table values(5, 105, 6, TO\_DATE('2024-01-03', 'YYYY-MM-DD'), 90.00);

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

select \* from Sales\_table;

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

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

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

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

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

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

### 5. 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 = TO\_DATE('2024-01-03', 'YYYY-MM-DD');

### 6. 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 quantity\_sold>4;

**7. 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);

**8. 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;

**9. 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;

**10. 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);

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

update Sales\_table set total\_price = 500 where sale\_id in (1,3,5);

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

delete from 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;