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Assignment-2

```
create table tbl_sales(  
    sale_id number,  
    product_id number(5),  
    quantity_sold number,  
    sale_date date,  
    total_price number(5,2)  
);
```

```
insert into tbl_sales(sale_id,product_id,quantity_sold,sale_date,total_price)  
values(1,101,5,'01-JAN-24',2400.00);  
insert into tbl_sales(sale_id,product_id,quantity_sold,sale_date,total_price)  
values(2,102,3,'02-JAN-24',900.00);  
insert into tbl_sales(sale_id,product_id,quantity_sold,sale_date,total_price)  
values(3,103,2,'02-JAN-24',60.00);  
insert into tbl_sales(sale_id,product_id,quantity_sold,sale_date,total_price)  
values(4,104,4,'03-JAN-24',80.00);  
insert into tbl_sales(sale_id,product_id,quantity_sold,sale_date,total_price)  
values(5,105,6,'03-JAN-24',90.00);
```

```
select * from tbl_sales;
```

```
-- Retrieve sale_id and quantity_sold from sales table.  
select sale_id , quantity_sold from tbl_sales;
```

```
-- Retrieve the sale_id and sale_date from the Sales table.  
select sale_id , sale_date from tbl_sales;
```

```
-- Filter the Sales table to show only sales with a total_price greater than $100.
```

select * from tbl_sales where total_price>100;

-- Retrieve the sale_id and total_price from the Sales table for sales made on January 3, 2024.
select sale_id,total_price from tbl_sales where sale_date='03-JAN-24';

-- 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 tbl_sales where quantity_sold>4;

-- Retrieve all columns from the Sales table those sale_id are 1, 3 & 5.
select * from tbl_sales where sale_id in (1,3,5);

-- Retrieve all columns from the Sales table those total_price between 90 and 1000.
select * from tbl_sales where total_price between 90 and 1000;

-- Retrieve all columns from the Sales table those total_price not between 90 and 1000.
select * from tbl_sales where total_price not between 90 and 1000;

-- Retrieve all columns from the Sales table those sale_id are not in 1, 3 & 5.
select * from tbl_sales where sale_id not in (1,3,5);

-- Update total_price as 500 in the Sales table those sale_id are 1, 3 & 5.
update tbl_sales set total_price=500 where sale_id in (1,3,5);

-- delete from the Sales table those total_price not between 90 and 1000.

```
delete from tbl_sales where total_price not between 90 and 1000;
```

```
-- Sort all the records using sale_id column in ascending order  
select * from tbl_sales order by sale_id;
```

```
-- Sort all the records using sale_id column in descending order.  
select * from tbl_sales order by sale_id desc;
```

```
-- Rename the sale_id column as sales_id;  
alter table tbl_sales rename column sale_id to sales_id;
```

```
-- Drop the column sales_id.  
alter table tbl_sales drop column sales_id;
```

```
-- Rename the table as tbl_sales.  
alter table tbl_sales rename to table_sales;
```

```
-- Drop the table.  
drop table table_sales;
```