* create table orders(id int,

name varchar(30),or\_date date , sales int, region varchar(30));

* create table returns(id int,

reason varchar(30),

or\_date date);

**Q1- write a query to get region wise count of return orders**

**Ans1:-**

Select o.region , count(\*) --OR count(r.id)

From orders o

inner join returns r on o.id = r.id

Group by o.region ;

**Q2- write a query to get category wise sales of orders that were not returned**

**Ans2:-**

Select o.category , sum(sales) --5

From order o --1

Left join returns r on r.id = o.id --2

Where r.id is NULL --3

Group by o. category; --4

**Q3- write a query to print dep name and average salary of employees in that dep**

**Ans3:-**

Select d.dept\_name, avg(e.salary)

From dept d

Left join emp e on e.dept\_id = d.dept\_id

Group by d.dept\_name;

**Q 4- write a query to print dep names where none of the emplyees have same salary.**

**Ans4:-**

Select d.dept\_name

From dept d

Left join emp e on e.dept\_id = d.dept\_id

Group by d.dept\_name

Having count(distinct e.salary) = count(\*);

**Q 5- write a query to print sub categories where we have all 3 kinds of returns (others, bad quality, wrong items)?**

**Ans5:-**

Select o.category

From orders o

Left join returns r on o.id = r.id

Where r.reason in (‘others’, ‘bad quality’,’ wrong items’)

Group by o.category

Having count(distinct r.reason) = 3

**Q6 - write a query to find cities where not even a single order was returned?**

**Ans6:-**

Select o.city

From order

Left join returns r on o.id = r.id

Group by o.city

Having count(r.id) = 0;

**Q7- write a query to find top 3 subcategories by sales of returned orders in east region**

**Ans 7:-**

Select top 3 o.category

From orders o

Where r.region = ‘east’

inner join returns r on o.id= r.id

group by o.category

**Q8- write a query to print dep name for which there is no employee.**

**Ans8:-**

select d.dept\_name

from dept d

left join emp e on d.dept\_id = e.dept\_id

where e.e\_id is NULL

**Q9- write a query to print employees name for dep id is not avaiable in dept table**

**Ans9:-**

select e.name

from emp e

left join dept d on e.dept\_id = d.dept\_id

where d.dept\_id is Null;