**Experiment 4**

**Task 1**

create table sales\_order(

name varchar(20),

order\_no varchar(6),

order\_date date,

client\_no varchar(6),

delv\_addr varchar(25),

salesman\_no varchar(6),

delv\_type varchar(20),

billed\_yn varchar(20),

delv\_date date,

order\_status varchar(20),

daysreqdfordelivery int,

city varchar(20),

bal\_due int,

sellingprice int

)

insert into sales\_order values('Ram','123', '2018-01-12','C001','abc','20','Prepaid','Invoice Given','2018-01-17','delivered',5,'Mumbai',12000,15000)

insert into sales\_order values('Raj','456', '2018-02-18','C002','def','21','COD','Invoice Not Given','2018-02-20','delivered',2,'Pune',8000,9500)

insert into sales\_order values('Rohit','789', '2018-05-22','C003','ghi','22','Prepaid','Invoice Given','2018-05-24','out for delivery',2,'Bengaluru',14000,16000)

insert into sales\_order values('Vedant','012', '2018-07-24','C004','jkl','23','Prepaid','Invoice Not Given','2018-07-27','shipping',3,'Delhi',3000,3500)

insert into sales\_order values('Caje','345', '2018-09-26','C005','mno','24','COD','Invoice Given','2018-09-30','order placed',4,'Hyderabad',2500,4500)

insert into sales\_order values('Chinmay','678', '2018-09-27','C001','pqr','25','COD','Invoice Given','2018-11-30','order placed',3,'Kolkata',1000,1200)

select \* from sales\_order

select \* from sales\_order where name like '\_a%' **OR**

select \* from sales\_order where substring(name,2,1)='a'

--4

select \* from sales\_order where city='Mumbai'

--5

select \* from sales\_order where bal\_due>=10000

--6

select from sales\_order where extract('month' from delv\_date)=01

--7

select \* from sales\_order where client\_no='C001' or client\_no='C002'

--8

select \* from sales\_order where sellingprice>2000 and sellingprice<=5000

--9

select order\_no,sellingprice\*1.5 as "new\_price" from sales\_order where sellingprice>1500

--10

select count(\*) from sales\_order

--11

select avg(sellingprice) from sales\_order

--12

select min(sellingprice),max(sellingprice) from sales\_order

--13

select count(\*) from sales\_order where sellingprice>1500

--14

select order\_no,extract(from order\_date)from sales\_order

--15

select to\_char(order\_date,'dd-mm-yyyy') from sales\_order

--16

select delv\_date as "Delivery Date",to\_char(month from delv\_date,'day')as "Month" from sales\_order

--17

select now()::date + 15 **OR**

select current\_date + 15

--18

select extract('day' from age(current\_date,delv\_date)) from sales\_order

--19