insert into employee values(7698,'Ram','Raman','Manager',7839,'05-JAN-1972','25-JAN-2007',42850,null);

insert into employee values(7782,'Ramana','Samy','Manager',7839,'06-SEP-1973','16-SEP-2008',42450,23230);

insert into employee values(7566,'Palani','Velappan','Manager',7839,'04-FEB-1972','14-FEB-2006',42975,19455);

insert into employee values(7654,'Senthil','Pandian','Salesman',7698,'09-AUG-1969','19-AUG-2007',21250,13400);

insert into employee values(7499,'Sampandam','Ramanathan','Salesman',7698,'02-FEB-1970','22-FEB-2006',21600,13300);

insert into employee values(7844,'Kannan','Kumar','Salesman',7698,'09-aug-1971','29-aug-2005',26000,17500);

insert into employee values(7900,'Sumathi','Manian','Salesman',7698,'12-mar-1965','22-MAR-2003',20950,null);

insert into employee values(7521,'Mohanraj','Ramkumar','Salesman',7698,'02-feb-1974','12-feb-2004',21250,15000);

insert into employee values(7902,'Kumaran','Saravanan','Analyst Manager',7566,'12-mar-1974','22-mar-2004',33000,null);

insert into employee values(7369,'Shuruthi','Muthu','Clerk',7902,'12-jul-1968','12-jul-2008',21800,null);

insert into employee values(7788,'Rajan','Nadarajan','Analyst Manager',7566,'12-sep-1968','02-sep-2005',33000,null);

insert into employee values(7876,'Aravind','Ram','Clerk',7788,'07-oct-1971','17-mar-2004',21100,null);

insert into employee values(7934,'Ganesh','Ramanathan','Clerk',7782,'01-mar-1975','11-feb-2006',21300,null);

insert into employee values(9015,'Annamalai','Ganesh','Salesman',7698,'12-dec-1975','12-dec-2005',22900,14000);

select \* from employee;

select \* from employee where salary >3000 and dob between '01-JAN-1970' and '12-DEC-1975';

select fname, lname from employee where dob<'01-JAN-1992';

select fname, lname,salary from employee where jobname='Analyst Manager' or jobname='Manager';

select \* from employee where lname like '%an';

select fname from emploee where fname like 'k%';

select \* from employee where fname like 'K%' or fname like 'S%';

select \* from employee where dob<='01-jan-1970';

select empno, fname,lname,jobname,salary from employee where salary>=30000 and jobname='Analyst' or jobname='Manager';

select empno,fname,lname,jobname,salary from employee where salary+comm>=40000 and jobname='Salesman' or jobname='Manager';

select fname,lname,jobname,salary from employee where jobname='Salesman' or jobname='Programmer';

select empno,lname,salary from employee where lname='Kumar' or lname='Manian' or lname='Muthu' or lname='Ram' ;

select fname,to\_char(dob,'yyyy') from employee where to\_char(dob,'yyyy') between 1970 and 1980;

select fname from employee;

select \* from employee where salary > &sal;

select sysdate from dual;

select empno, fname from employee where to\_char(dob,'MON')='JAN';

select empno, fname from employee where to\_char(dob,'yyyy')=1974;

select \* from employee;

select empno, fname, dob from employee where to\_char(dob,'MON') in ('JAN','APR','OCT','DEC');

sum,min,max, count, avg , greatest, least

select sum(salary) from employee;

select avg(salary) from employee;

select min(salary),max(salary) from employee;

select jobname,max(salary) from employee group by jobname having sum(salary) > 100000;

select distinct(jobname) from employee;

select max(salary) from employee group by jobname having sum(salary) > 100000;

select \* from employee where salary=(select max(salary) from employee);

in, any, all

select \* from employee where salary in (select max(salary) from employee group by jobname);

select count(\*) from employee;

select count(empno) from employee;

select count(comm) from employee;

select fname,greatest(salary,comm) from employee;

select fname,least(salary,comm) from employee;

select \* from employee where salary < (select min(salary) from employee where jobname='Salesman'); -----

select \* from employee where mgr=7698 or mgr=7884;

select fname,jobname,salary,mgr from employee where mgr in(select empno from employee where fname='Ram' or fname='Kannan');

select mgr,count(\*) from employee group by mgr;

WORKSHEET 2

create table client\_master(client\_no varchar(20),name varchar(20),city varchar(20),pincode number,bal\_date number);

insert into client\_master values('c00001','smitha jain','mumbai',400054,15000);

insert into client\_master values('c00002','vandana rao','chennai',780001,0);

insert into client\_master values('c00003','prem pujari','mumbai',400057,5000);

insert into client\_master values('c00004','basu nath','mumbai',400056,0);

insert into client\_master values('c00005','ravi shankar','delhi',100001,2000);

insert into client\_master values('c00006','roopa','mumbai',400050,0);

create table sale\_order(order\_no varchar(20) primary key,order\_date date, client\_no varchar(20),salesman varchar(20),dely\_date date,order\_status varchar(25));

insert into sale\_order values('o19001','12-JAN-13','c00001','s00001','20-JAN-13','in process');

insert into sale\_order values('o19002','25-JAN-13','c00002','s00002','27-JAN-13','cancelled');

insert into sale\_order values('o46865','18-FEB-13','c00003','s00003','20-FEB-13','fulfilled');

insert into sale\_order values('o19003','03-APR-13','c00001','s00001','07-APR-13','fulfilled');

insert into sale\_order values('o46866','20-MAR-13','c00004','s00002','07-APR-13','cancelled');

insert into sale\_order values('o19008','24-MAY-13','c00005','s00004','20-MAY-13','in process');

select \* from client\_master where bal\_due=0;

select \* from client\_master where bal\_due>5000;

select \* from client\_master where bal\_due>5000 and bal\_due<20000;

select \* from client\_master where city like 'c%' or city like 'd%';

select \* from client\_master where pincode like '%1';

update client\_master set city='jaipur' where client\_no='c00004';

select \* from sale\_order where order\_status='cancelled';

select \* from client\_master where city = 'mumbai';

select name , city , pincode from client\_master where client\_master.client\_no in (select client\_no from sale\_order where sale\_order.order\_no='o19003' or sale\_order.order\_no='o19002');

select name || ' lives in ' || city from client\_master;

select client\_no,name,city,pincode from client\_master where client\_no in (select client\_no from sale\_order where order\_status='in process');