1. create table customer(cno int, cname char(30), sal int, city char(30));
2. insert into customer values(101,'abc',12100, 'delhi');

insert into customer values(102,'abkk',32100, 'Mumbai');

insert into customer values(103,'pqr',12500, 'kolkata');

insert into customer values(104,'abckk',14300, 'delhi');

insert into customer values(105,'jjj',121660, 'Mumbai');

insert into customer values(106,'dkk',121400, 'Kolkata');

insert into customer values(107,'abc',121090, 'delhi');

insert into customer values(108,'abcd',151090, 'Punjab');

1. set linesize 120;
2. select sal from customer;
3. select sal, city from customer;
4. select \* from customer where city='delhi';
5. select \* from customer where city in ('delhi','Mumbai');
6. select \* from customer where city not in ('Punjab','Mumbai');
7. select \* from customer where sal between 10000 and 40000;
8. select \* from customer where (city ='delhi' or city='Mumbai');
9. select \* from customer where (city ='delhi' and sal= 12100);
10. select \* from customer where cname like 'a%';
11. select \* from customer where trim(cname) like 'a%';
12. select \* from customer where cname like 'abc%';
13. select \* from customer where cname not like 'abc%';
14. select \* from customer where trim(cname) like '\_kk';
15. select \* from customer where trim(cname) like '\_\_\_';
16. select \* from customer where trim(cname) like '\_\_%';
17. select \* from customer where trim(cname) like 'abc\%\_\_\_';
18. select sum(sal) from customer group by city;
19. update customer set cname='Keshav' where cno=106;
20. delete from customer where cno=106;
21. delete from customer;
22. select min(hire\_date), max(hire\_date) from employees;
23. select department\_id, job\_id, SUM(salary) from employees where department\_id>40 group by department\_id, job\_id order by department\_id;
24. select department\_id, AVG(salary) from employees group by department\_id;
25. select count(Distinct department\_id) from employees;
26. select AVG(salary), Max(salary), min(salary), sum(salary) from employees where job\_id like '%REP%';
27. select last\_name || job\_id as "Employees" from employees;
28. select count(\*) from employees where department\_id=50;
29. select count(commission\_pct) from employees where department\_id=80;
30. select last\_name, manager\_id from employees where manager\_id is null;
31. select job\_id, sum(salary) PAYROLL from employees where job\_id not like '%REP%' group by job\_id having sum(salary)>13000 order by sum(salary);
32. select last\_name,job\_id,department\_id,hire\_date from employees order by hire\_date;
33. select employee\_id, last\_name, job\_id, salary from employees where salary>=10000 and job\_id like '%MAN%';
34. DESCRIBE employees;
35. select department\_id, max(salary) from employees group by department\_id having max(salary)>10000;
36. select max(avg(salary)) from employees group by department\_id;
37. select last\_name, salary from employees where salary>(select salary from employees where last\_name='Abel');
38. select last\_name, job\_id, salary from employees where job\_id= (select job\_id from employees where last\_name='Seo') and
39. salary>(select salary from employees where last\_name='Seo');
40. select last\_name, job\_id, salary from employees where salary=(select min(salary) from employees);
41. select department\_id, min(salary) from employees group by department\_id having min(salary)>(select min(salary) from employees where department\_id=50);
42. select employee\_id, last\_name, job\_id, salary from employees where salary< any(select salary from employees where job\_id='IT\_PROG') and job\_id<> 'IT\_PROG';
43. select employee\_id, last\_name, job\_id, salary from employees where salary< all(select salary from employees where job\_id='IT\_PROG') and job\_id<> 'IT\_PROG';