create table customer(cno int, cname char(30), sal int, city char(30));

insert into customer values(101,'abc',12000,'delhi');

insert into customer values(102,'akk',14000,'kolkata');

insert into customer values(103,'pqr',15000,'delhi');

insert into customer values(104,'abckk',42000,'punjab');

insert into customer values(105,'jjj',25000,'punjab');

insert into customer values(106,'dkk',25000,'punjab');

insert into customer values(107,'abc',12000,'delhi');

set linesize 120;

1. select sal from customer;
2. select sal,city from customer;
3. select \* from customer where city = 'delhi';
4. select \* from customer where city in ('kolkata','punjab');
5. select \* from customer where city not in ('kolkata','punjab');
6. select \* from customer where sal between 20000 and 50000;
7. select \* from customer where (city ='kolkata' or city='up');
8. select \* from customer where (city ='kolkata' and sal=15000);
9. select \* from customer where cname like 'a%';
10. select \* from customer where trim(cname) like 'a%';
11. select \* from customer where cname like 'abc%';
12. select \* from customer where cname not like 'abc%';
13. select \* from customer where trim(cname) like '\_kk';
14. select \* from customer where cname like '\_kk%';
15. select \* from customer where trim(cname) like '\_\_\_';
16. select \* from customer where trim(cname) like '\_\_\_%';
17. select \* from customer where 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;
21. delete from customer where cno=106;
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. describe employees;
34. select employee\_id, last\_name,job\_id,salary from employees where salary>=10000 and job\_id like '%MAN%';
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 salary > (select salary from employees where last\_name='Seo');
39. select last\_name, job\_id, salary from employees where salary =(select min(salary) from employees);
40. select department\_id, min(salary) from employees group by department\_id having min(salary) > (select min(salary) from employees where department\_id=50);
41. 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';
42. 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';