1. create table customer(cno int,cname char(30), sal int, city char(30));
2. insert into customer values(101,'abc',12000,'delhi');
3. insert into customer values(102,'akk',14000,'kolkata');
4. insert into customer values(103,'pqr',15000,'delhi');
5. insert into customer values(105,'abckk',42000,'punjab');
6. insert into customer values(106,'jjj',25000,'punjab');
7. insert into customer values(107,'dkk',25000,'punjab');
8. insert into customer values(109,'abc',12000,'delhi');
9. set linesize 150;
10. select \* from customer;
11. select sal from customer;
12. select sal,city from customer;
13. select \* from customer where city = 'delhi';
14. select \* from customer where city in ('kolkata','punjab');
15. select \* from customer where city not in ('kolkata','punjab');
16. select \* from customer where sal between 20000 and 50000;
17. select \* from customer where (city ='delhi' or city='up');
18. select \* from customer where (city ='delhi' and sal=15000);
19. select \* from customer where cname like 'a%';
20. select \* from customer where trim(cname) like 'a%';
21. select \* from customer where cname like 'abc%';
22. select \* from customer where cname not like 'a%';
23. select \* from customer where trim(cname) not like 'abc%';
24. select \* from customer where trim(cname) like '\_kk';
25. select \* from customer where trim(cname) like '\_kk%';
26. select \* from customer where trim(cname) like '\_\_\_'; //exactly 3 characters
27. select \* from customer where trim(cname) like 'abc\%';
28. select \* from customer where trim(cname) like 'az/k';
29. select \* from customer where trim(cname) like 'az//k';
30. select \* from customer where trim(cname) like 'abc\%';
31. select \* from customer where trim(cname) like '\_\_\_%';// minimum 3 characters
32. select city, sum(sal) from customer group by city;
33. update customer set cname='keshav' where cno=106;
34. delete from customer;
35. delete from customer where cno=106;
36. create table dept(eno int, dno int, ename char(30), dept char(30));
37. insert into dept values(101,'401','abc','mkt');
38. insert into dept values(101,'401','abk','sales');
39. select e.no, e.ename, d.dno, d.dept from emp e, dept d where e.sal=12000 and e.eno = d.eno;
40. select last\_name, job\_id, department\_id, hire\_date from employees order by hire\_date;
41. select department\_id from employees;
42. select DISTINCT department\_id from employees;
43. select job\_id, sum(salary) as payroll from employees where job\_id not like '%REP%' group by job\_id having sum(salary) >13000 order by sum(salary);
44. select last\_name, manager\_id from employees where manager\_id is null;
45. select count(\*) from employees where department\_id = 50;
46. select count(commission\_pct) from employees where department\_id = 80;
47. select last\_name||job\_is AS "Employees" from employees;
48. select avg(salary), max(salary), min(salary), sum(salary) from employees wherer job\_id like '%REP%';
49. select count(distinct department\_id) from employees;
50. select max(avg(salary)) from employees group by department\_id;
51. select last\_name as name, salary \*12 "Annual Salary" from employees;
52. select min(hire\_date), max(hire\_date) from employees;
53. describe employees;
54. select department\_id, job\_id, sum(salary) from employees where department\_id>40 group by department\_id, job\_id order by department\_id;
55. select last\_name, salary from employees where salary > (select salary from employees where last\_name =’Abel’);
56. select last\_name, job\_id, salary from empployees where job\_id = (select job\_id from employees where last\_name = ‘Seo’) and salary > (select salary from employees whose last\_name = ‘Seo’);
57. select last\_name, job\_id, salary from employees where salary = (select min(salary) from employees);
58. select department\_id, salary from employees group by department\_id having min(salary) > (select min(Salary) from employees where department\_id = 50);
59. 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;
60. 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’;