03 10 11
· select dept no, job, en amo, sou, hirredate from emp;
the position of column in subject flatement will determine
requirement appear user
* To resmit rows: Where clause! select * from emp where deptho = 10;
where clause is used to searching * searching taxes place in DB server HD. * where clause is used to restrict the rows. * whore clause is used to retrieve the nows from DB server HD to server RAM.
· Relational Operators! >, >= , \(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
• select to from emp whose say 72000 and say <3000;
Logical operators: 1) NOT 2) AND 3) OR
· select & from emp whome dept no = 10 or deptho = 20; select & from emp whome deptho = 10 and deptho = 20;
replect or from emp where job = 'manager';

17 67 28 . pata is case-sensitive in mysql robms and oracle · quemes are case - insensitive in mysql · queries are conse - sensetive in oracle RDBMs. select a from emp whome job = manager or job = clerk! · select enome, sal, sal *12 from emp; and alphavil to amore. sou err is not a column of Emp table sal *12 is known as computed column (denived column · Anthmetic operators: used for exponentiation sal + # 1/3 Sal++(1/3) · In mysge it you want to perform exponential", you will have to use gowen function. · Alias: मुलियस select enome, sal source as "ANNUAL" from emp; · as - optinal key work in mysqu select ename, sal, sal+12 "ANNUAL" from emp; · puuble quotes roptiona select enome, sal, sal * 12 annual from emp; * you cannot use alias in whome dause. select enome, sou, sou #12 annual from emp whome annual 2 jourso; the emer.

· select name "Empname", sou "salary", sou m'z "ANNUAL", sou a 12×0.4 "HRA", sou *12 * 0.2 " DA" SOU +12 + SOU x |2 x 0 .4 + SOU x |2 x 0 2 " NET" from emp; select job from emp; · restrict duplicate: select distinct job from emp; select deptho, job, oname, sal, hiredate from emp; · In DBMs, data is stored in antile, a ser of several · pata is Gened sequentially in orms. In RDBm) table is not a file. every now is a tile. Rouse of table are not stored sequentially. Rows of table are scattered (fragmented) all over the og server hop · when you INSERT into a table, whenever the system finds the free space in the DB server to it will stone the now thore. . The measure that RDBMs does this, is to speed up the INSERT Gratement military count of · when you select a table, the order of nows in the output depends on row address. · it will always be in ascending order of now address. · when you update a now, if the now length is increase then the entire row may be moved to come other address. The man interior · Later when you select from the table, you will find the now at some other position in the output. It is only in the case of varchar that the row length may increase decrease. hence it is not possible to view the first/ last now of table,

- order by clause used for sorting
- order by enamo;
- ename desc;

desc (by default)

order by sorting - Used for presentation purpose.

- · sorting is one of the operation that ouways slows down . the select statement.
- · sorting takes place in server RAM.
- · solect ename, saltiz from emp;
- · select ename, saltiz from emp order by sal #12;
- select ename, sal *12 from annual from emp order by annual;
- · select ename, sal *12 " Annual salary" from emp
- select ename, sau *12 "Annual salary" from emp
- · select & from emp order by 2;
- · solver & from emp where dept=10 order by ename;
- · where clause is specified before order by clause.
- order by clause is the Last clause in select statement