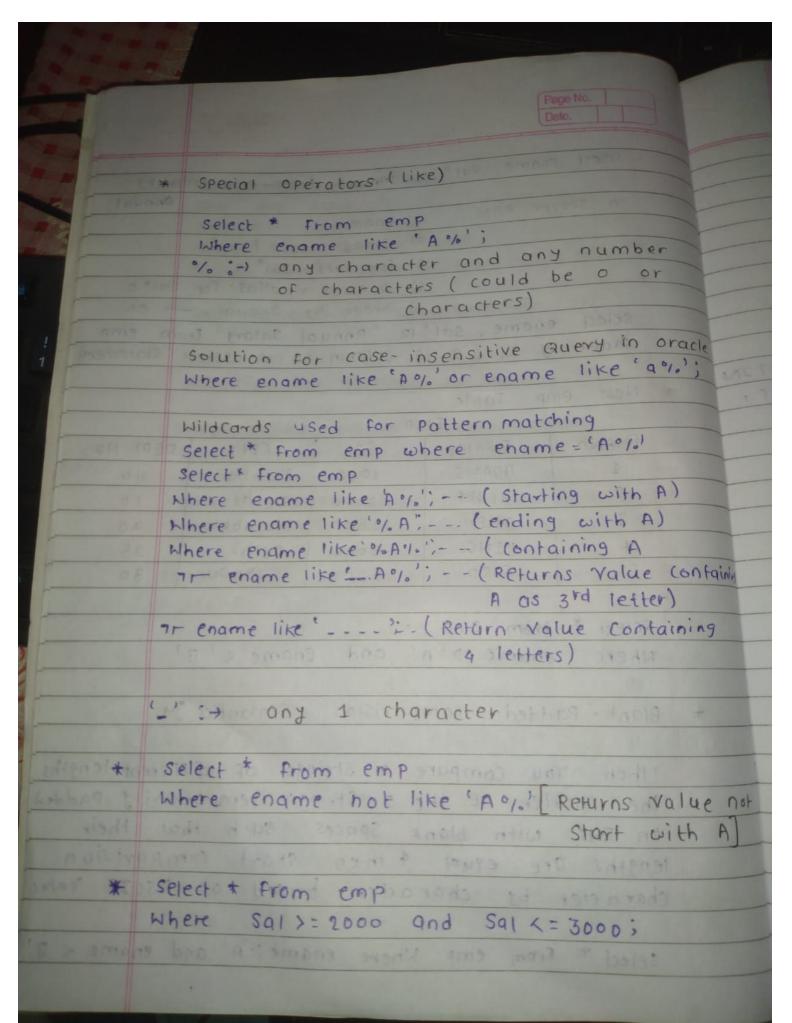
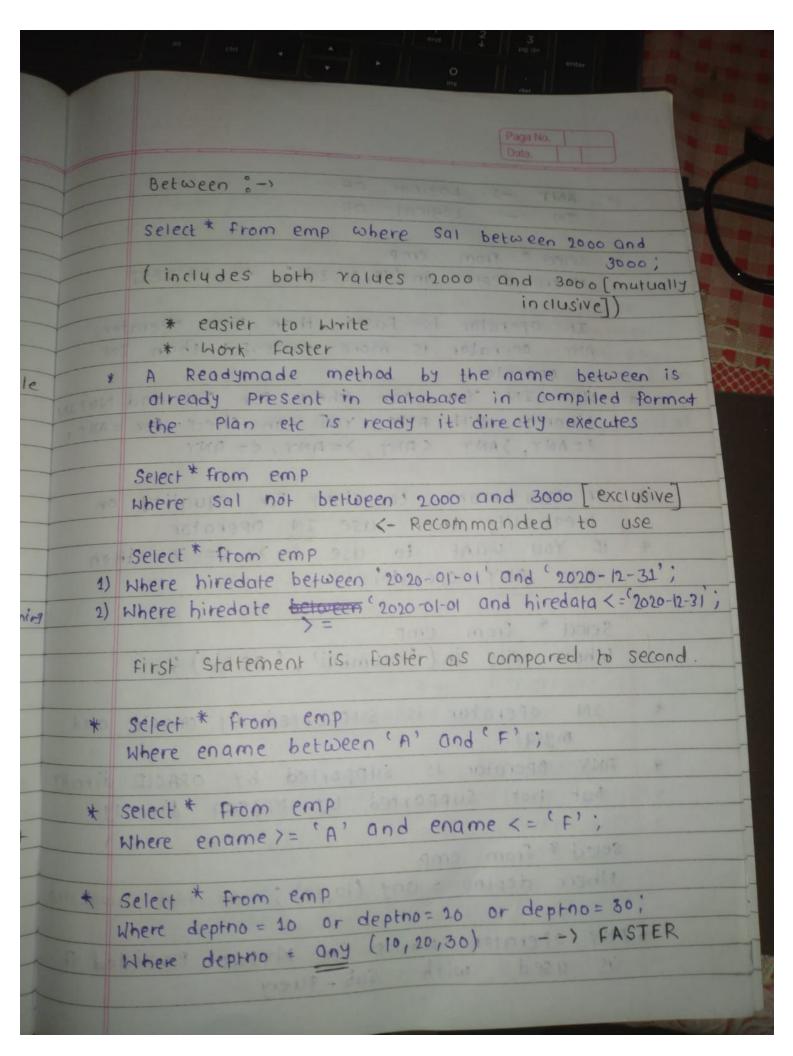


\* later When you select from table you will see rows in some other order in ORDER BY clause: + ( used for sorting) select deptho, job, ename, sak, hiredate from emp; order by ename; (by name) order by ename desc; (descending) asc -> by default select deptho, job, ename, sal, hiredate from emp order by hiredate; + BUSINESS INTELLIGENCE order by clause takes place in ServerRAM. where clause takes place in DB server HD. select deptito , job, ename, sal, hiredate from emp order by deptho desc, job desc; \* no upper limit on the number of Columns in order by clause. \* in ROBHS. the rows of lable are stored the where clause is specified before the orderby Clause 1 . 014 134138 BO 941 1340 110 Scient deptho, Job, ename, Sal, hiredate from emp Where deptho = 100 mass son bold order by ename; \* ORDER BY clause is LAST clause in select Statement for 223660 Barbanas

		D Supplier O Supplier
		O los
		Page No. Data
N. T.		select ename and
n	1	select ename, Sal * 12 annual from emp order by
	1	in server RAM 1) ename annual;
		2) Orray create (2-D)
m		3) FOR 100P Sa1* 12
ub.		47 annual = oligs. for salk n
	1	o) Order by day
	1	Annual Sole 12 Annual Sole 11 5
_	1	order by 2; (2 is column no in select Statement)
	1	k New emp Table
	-	pointion oraliemp not beautiful matching
CE	-	EMPNO   ENAME   SAL   CITY   DEPT NO
_	-	1 ADAMS 1000 Mumbai 10
	7	2 BLAKE 2000 Delti 10
-		3 ALLEN 2500 Mumbai 20
-		4 KING 3000 Delhi 25
-	V 5 1 7 1 3	5 FORD 4000 Kolhapur 30
	white the	Malagi Ma 200 A
-		The same of the sa
	Pain	
		Where ename > 'A' and ename < 'B'
	*	Blank - Padded comparision Semantics: +
		Then You compare 2 strings of different lengths
-		of the or strings themporary the days
-	31	
1	10 0	on RHS with bigan start comparision
		engths are equal 4 then start comparision
		1. Abordan
		character by character by
-		select * from emp Where ename 2=A' and ename < B'
1		select " From Con





ANY -> Logical OR 233863 9m9 (0513 \* 10315 IN -> Logical OR Where deptno in (10, 20, 30); (- FASTEST IN operator is faster than ANY operator ANY operator is more powerful than IN \* With IN You can check for IN and NOTIN Whereas Hith ANY, You can check for = ANY, !=ANY, >ANY, <ANY, >=ANY, <= ANY \* If You want to check for equality or inequality then use IN operator if You want to use <, >, <=, 7= then use ANY operator money and significant and to to ocos areased aloharid areata (a Select \* from emp Where city in ( Mumbai', Delhi'); IN operator is supported by oracle and mysql. ANY operator is supported by ORACLE directly \* but not supported by MYSQL directly. LEN SULDED POD TU, at a country to the select \* from emp Where deptho = any (10,20); & Not supported. \* ANY operator works in Mysel Provided it is used with sub-query

\* in MYSQL, You will have to use IN operator.

DDL -> create, drop

DML -> Insert, UPdate, delete

DGL -> Select \*, Select coll, (ol2 ..., Where clause, Relational, Logical, Arithmetic operator, Computed Column, Alias, Distinct, how rows are scattered in the DB server HD. ORDER by clause, asc/desc, string Comparison, special operators

\* UPDATE

update emp

set Sal= 10000 (column)

Where empno= 1;

set sal = Sal + Sal \* 0.4 (increase by 40%)

Where empno= 1;

update emp set sal = 10000, city= 'pune'

where empno=1; (update multiple

columns)

Update emp set sal = 10000, (ity = 'Nasik'

Where City = 'Mumbai';

(change salary as 10000 and city ay

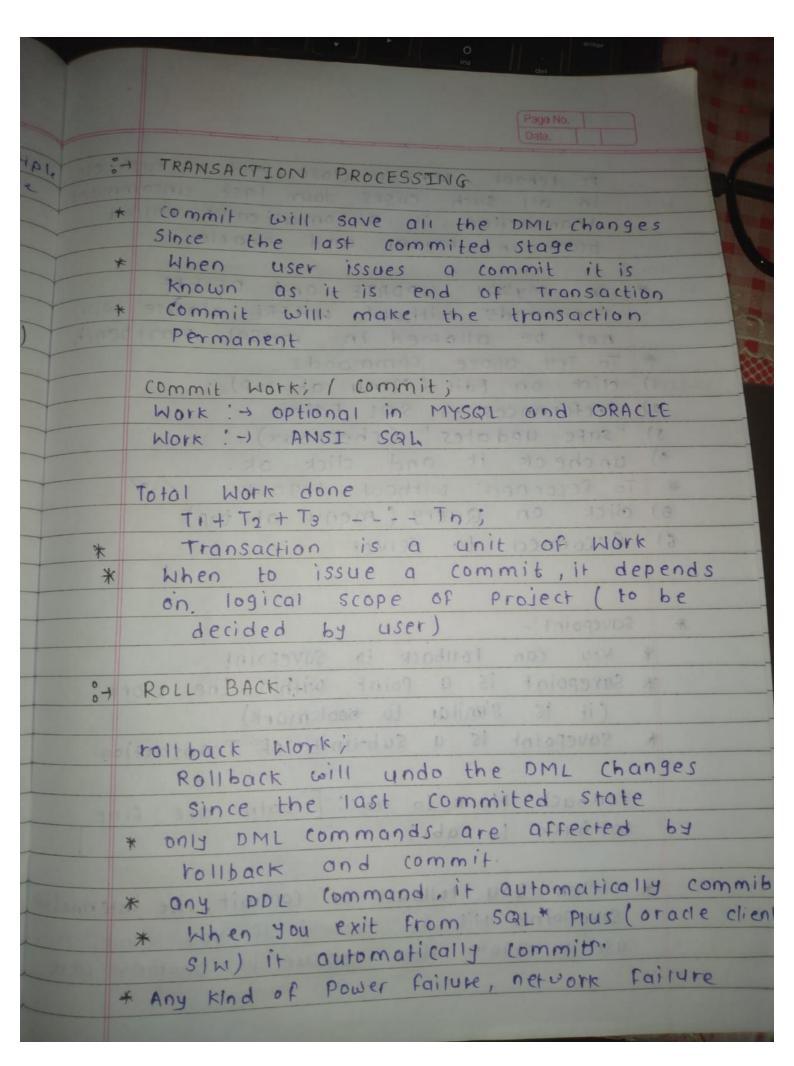
Nasik at mumbai (all) Locotions)

You can update multiple rows and mul simultaneously but only 1 Table columns separate update command Would be needed for every table. update emp set sol = 10000 (operation on whole table) passitions was some to mitely DELETE DO MEN 197192 DE 345 delete from emp

where empno = 1;

delete from emp where city = ' Mumbai'; delete from emp; --- ( on rows delete but table remain Where empros 1; °- DROP drop toble emp, dept, customers; (delete Sapus 1-200 multiple population and sinh tables there empired at congres oradic \* You cannot specify WHERE Clause With DROP Table. 1 88110 9 00001 -102 102 900 9106910

Sindmund = Still smill



PC reboot, Window close, end of task a in all such cases your last uncommitted transaction, it automatically rolled back in mysal and oracle. + in MYSQL UPDATE and DELETE commands without WHERE clause will not be allowed in mysal workbench To try above commands 1) click on Edit (Menu at top)
2) Preferances - 1 SQL Editor
3) "safe updates" (checkbox)
4) Uncheck it 4) uncheck it and click ok. To Reconnect without Logoutil 1010 5) elick on Query (menu at top) 6) Reconnect to server \* Savepoint:- (1321) 13 habiaah \* You can rollback to savepoint \* savepoint is a point within the work. (it is similar to bookmark) \* savepoint is a sub-unit of Transaction Rollpack will add the DMC CHamber romback work to abe; [ both are fine rollback to abc; 11mmm9 600 13561134 \* withen you rollback or commit, the intermed savepoints will be eleated. If you want to use it again then reissue in another work - Any Kind of Power Failure, newcork failure

- \* You cannot commit to savepoint
- \* Commit will Save all DML changes since last committed state
- \* for savepoint name ( Max 30 characters)
- \* Within a transaction We can have same savepoint name but if we toll back it them newer savepoint overwrites older; the older one no longer exists
- \* To fry Rollback, comit & savepoint in MYSQL Click on Query (Menu at top)
  - -) Auto comit transaction -1 uncheck it