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SQL DATATYPES

- Mumber 2	char
	- name char (6);
- integer datatype	- name char (6); 6 characters are reserved for name coloumn
	foy name coloumn
- Eg) number (5)	the state of the s
	PEARL
A particular field	
will have man	Man v can enter is 6
A particular field will have man 5 digits	· we are entering 5 characters
V	Deal. Co great VDI sonce
(9) number (7,2)	only so rest of space will be wasted
(Cornivalent to float)	The Manual Pala Manual
Ly number (7,2) J (Corrivalent to float) Total coloumn length=7 2 means 2 digits after decimal	Van chan (variable chanacter)
2 means 2 digite after decimal	The state of the s
Jan Marine	° Marie Marie (1)
7-2=5 digita below decimal	name Vauchau (6);
Les almade 3 . 1 1 2 2	maximum 6 character
7-2=5 digits before de cimal de salve ady included in ?	can enter
3 do 1	
3 date	PEARL
	Control of the Contro
"dd/mm/yyyy"	. It will only allocate us
000	- It will only allocate us 5 characters
A STATE OF THE STA	or oring alvans
	· Dest of and in
	rust of space will not get
	·Rest of space will not get wasted

ONLINE COMPILER PAGE NO. DATE: / / cue ate table student 26 (usllno number, name vanchon (10),
dob date qui fo number (7(2));
Peux before 2 insert into student 26 values (101, 'Ajay', '11/Dec/ 1998/11234.69); insent into student 26 (ought no, name, dob) values (102, 'Ahan', '12/ war/ 1993).

When we don't want to insent fee Belect & from student 26; desc student 26; Structure of table will be shown euname student 26 to student; Table name is changed Select & from student where roll-no=101'; select suell-no from student; Only one column from student table well be alter table stydent add (address varchar (20)); //Add entera 1/ Dealing with values update.

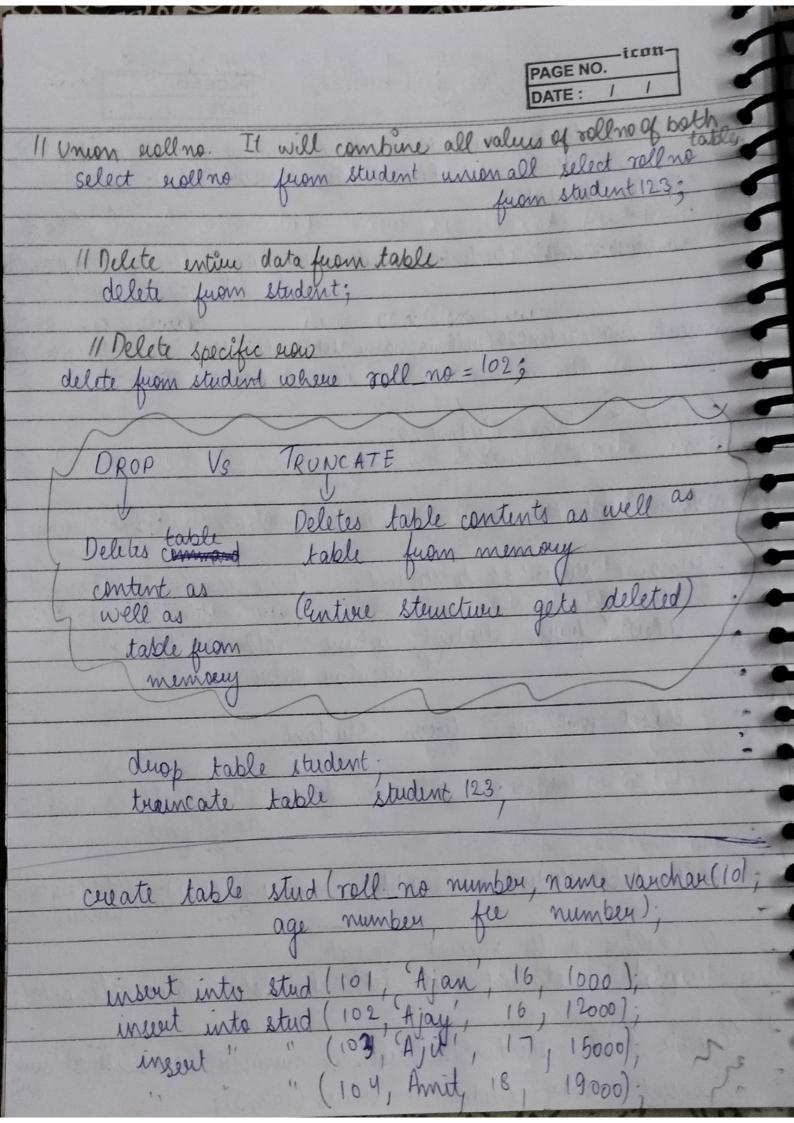
update student set address = 'kota' where rolling=101;

along other table create table student 123 (noll no number, books issued number); insert into student 123 values (103,3);

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I union evoltno. It will combine all values of sollno of both select roll no tat from student 123: 11 Delete entire data from table. delete from student; 11 Delete specific was delete from student where goll no = 102 ; DROP VS TRUNCATE Deletes table contents as well as table from memory Deliles table content as Centire sterreture gets deleted well as table from memory

duop table student: traincate table student 123;



select from stud where name = 'Ajit'; puly one condition PAGE NO. iconfectudent Like clause - used with string type data on chan type data Select from stud where name like 'AJ9?'
Forst & char of name are a and; (means preserve of o on any no of Just with like - is a wildcard character which is used with like character and represents exactly one character select from stud where name like (10%) select * from stud where name (in) ('Ajay', 'Ajit'); Salary blw 1500 and Climit is included select voll-nax, name from stud where fee between 15000 (and) 19000; 11 Ouder by Used to sout data ascending order by select * from stud Order by roll-no default select from stud order by noll_no desc) decending Touder

select * from stud onder by marrie desc page NO.

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Date: 1 1 1/ And clause Age is16 and fee= 12000; select from stud where age=16 and fee=12000; OR clause Any condition time select* from stud where age= 16 og fee= 1000. list noll_no, name, age, fie and 15% hike in fee select stoll_no, name, age, fee, fee+ fu* 0.15 from

keywoud

select stoll_no, age, name, fee, fee+ 0.15 as updated fel

puom etud; gusup by Salary DID ENO Dept 10 ki total 10000 20000 Dept 20 ki-total 30000 103 5 \$0000 104 20 4 0000 105 20 sum (salary) from dept groupby DIS select DID, ingrimes aggrigate like min, count = no. of rows

create table (did number, eid number, sal number);
insut into dept (10, 101, 10000); DATE: 1 1 insert into dept (10, 102, 20000);
insert into dept (10, 103, 30000);
(20, 104, 50000);
(20, 101, 60000); selectdid, sum (sal) from dept group by did; select did, man (sal) " 11 / min (sal) 11 11 select sum (sal) from dept;