Day 3
Datatypes, create table, Insert, Null Select*
Select (012, (012,, coln X— to view specific
Selection: - when you select individual column from the tables; it is known as SELECTION
Projection :- Select specific rows: it known as pro
* When you pertorm Selection on projection, you cone Viewing a subset of the data
 * select distinct job from emp;
 * Whenever you we distinct sorting takes place internally in the Server RAM
* It you have LARGE number of rocos in the table, this select statement will be Slow
select distinct job, ename from emp;
* Distinct will work on combination of all the
columns that one present in SELECT statement
select (distinct Job), ename from emp;
selett dept no, Job, chame, Say, hiredate from
empi
2 72 DOME Let is at the in
* In DBMS data is stored inside afile * Inside a file, rows are stored sequencially
+ In DBMS; concept of row numbering

*	In RDen	15, tabl	e is not	a file; Eve	gyrow is file
*	In RDBMS, table is not a file; Every row is file				
*	* In ROBMS, rows of table not sequencially stor * Rows of the table are scattered (fragmented			fragmented	
	all over the DB server HD.				J
*					ysal tinds
	the free space in the DB server HD; it will store th			will store the	
	now there				
	* When you SELECT from a table the sounding is sequence			ching is sequenced	
*	whenyous	elect fr	rom a tuk	ve, the order	ot rows in the
	Output dep	ends or	the re	ow advers	
*	sample	dotable	ouse er	nP.	
	Ename	Job	SAL	HIREDATE	
	Zavi	·MAnager	15000	1983-01-12	
	suraj	Clunk	18000	1984.02-15	
	Alfa	Analyst	2000	1987-03-20	
					*
->	select Ex	name ju	ob, SAL,	Hire Date for	rom emp
	select Ename, Job, SAL, HireDate from emp order by ename.				
	7 This Co	mmax	d reur	rite the dat	airordere
	\				
7	Select 8	Ename,	job, SAL	. Hire Date f	rom emp
	7 Select Ename, job, SAL, Hire Date from emp order by Ename desc, job desc;				
		J			
	ascendir	a is	bydelaul	}	
	desc - is	minda.	atory		
À	in order by chusen			of columns	
					· · ·

*	WHERE Clause.
	Select deptino sich, ename, sal, hiredate from
	comp whom deptino = 10
	Order by enome;
*	Where clause how to specified Before the
	order clause
*	where is used to restrict the rows.
*	Order by ename;
	* Order by chuse sorting takes place in server
	Ram
	* order by clawe is the last clause in select
	3t atemant
	* select ename, sal*12 "Annual salary" from
	emp orber by 2
	7 2 is 5rd column
ag diginarin kan di sa talah sa	* select * from emp.
tigositaja, sa sijat p. spojen i telenom si mni	whom chame?'s' and ename <'B'
gan i gantalia y than palitik tindir i direk	1 select from emp
aga ngun trong si san spining galakhar nga Gungari sabar.	where expire > 'N' and enome & B';
	Il point all A stool letter.
	+ select * from Crip
	where Ename's of
	11 print slow with 1) &

1	
	Select *from emp
and the second second	Select *from emp. where ename like 'A%' is
	whole with the
	Select
	Select * from emp
	where ename like '% A';
	WICK CHAIRE HAE 1811
	select * from emp
	Where ename like "A" 1/ A will be contain
	WINCE CHAINE THE PAINTS
	select * from emp.
	where deptno= 10 or deptno= 20, or deptno=30
	wile side all delines 10.20.30
	11 its point only deptno=10,20,30
ume	Sal-1 t C Pinn
	Select * from emp. where dept no : any (10,20,30);
	write deprive sarry corrections
	Calast & Carra Pmn
	Select + from emp.
	where deptho in (10,20,30);
	Any = logical operator/In= logical operator
	my = regical operator/ In = regical operator
×	special pperator (Like, Betwee
/\	Special presour Currenson
	JDI > crease , Drop
	DMI > Insert, update, delete
	DQL -> select.

	Set Sal = 10000 Where city like 'A'6'3
	Delete.
¥	Delete from emp. Where empho: 1; II delete first row
*	Delete from emp 11 Delete the all rows.
*	drop table emp;
4	drop table emp, dept is only one table drop
	table because Drop table is a DDL command
*	Fransaction Processing
	* commit will save all the DMI changes since the last committed state. commit work; or commit;
*	work is optional in my squl

		1				
	Insent_	update	102 mout			
	Insert	. pdate	24 MAjorte			
	Insert	polete-	1 Delete			
	commit work's	Delete-	commit work;			
commit work;						
	Commit;					
اد	k work is opt	ional in mysol				
7	it is known as					
	Ent of Transactio					
*	- Commit wi	Il make the trans	Saution permaner			
7		ill undo all the D				
since the lost committed state.						
	Rollbacke i					
	* any the DML commands are atteded by					
	Rollback	and commit				
	* Any DP	commande auto	matically comits			
	not only w	11 it committee.				
	of Any kind of power failure; not work failure,					
	system tailur, po reboot, window dose					
	your last E	Incommitted tra	nsaction is			
	automaticalli	rolled back				
	+ Savenoint	is a point within	400 WOXK			
	Bookmark					
	epoint.					
	oint					
	rollback u					
rollback to par; Kwone is op						
	roll back to	2 par; 1 work	15 optional			