14/1/20	11 22 - 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Octo Octo Octo Octo Octo Octo Octo Octo	80/3/30	Disto Disto
		ine management		Data models:- Data models is logical structure that defines no of components & relation blu them Data models defines how the logical struct of database, has they are connected, how they are processed and how they are stored. ER diagram Relational model.
	Application ottos	Peplication progran Dotabase		Entity Relationship model (ER model):- The defines the conceptual view of database It works around sheal world entity and association among them. It is a designing tool. It has 3 main component entity b) attribute c) Relationship.
3	3. Tier Archi tecture. Usero Presentation Layer. Application Patalon se			Components Entity Attribute Relationship wheak entity by key attribute of one-to one to many to order to many to order to many to man

	- promotions		
	Orth Poys	24/1/30	O Dotte Francis O Props.
e.g.	Entity: - it can be seal would object It may be trong or non-time To she school that entity - student teacher		Key Constraints. Relation (Table) Types of key stingo
-	Class, conse se	00000	Super Key D.O.B. St. rollno Name Candidate Key 1 7 E 5 1 X Primary Key 2 7 E 5 2 Y Composite Key 3 7 E 35 X Foreign Key 4 2 E 56 M
	Representation	*	Course.
)	Entity -	-	rame Stid & Stid St solling?
9	Attribute - C , Key value C , Single value C , multi value C , multi value C , perived C)	**	10) a { 9t-1d, Name } 102 b 2 103 c 1
		The state of the s	Supero Key: - Set of one or race more column to identify a sow uniquely in a table
			Candidate key: - All super key without reduntancy. Primary Key: - one from candidat key with.

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		O drop column		
-	SOL Query:			DDL: - It is not case sensitive.
0		defination language		Create table tablenome (a1, a2, an)
		Ly Alter (matiferations en table)		st-tollar char (20), st-mobile char(10),
<u> </u>	DML: data	manipulation language	OFA	st-dob char (30) staddness varchar (100)
		4 Update		Dms:
		- select		
190		Page	0	Toseut:-
	Data types:	Contra Constraints:-	1 1 1	Pasent into tablename (a), azan) value (4)
0	int	1 Unique		M. W. W. DO
0	Chaso	(2) NOT HOL NOTHVILL		The state of the s
0	sperchee (n)	(3) check	(2)	Select: -
3	Fhat (n)	A key		select * from tablerome where condition.
0	Smallestint	(5) Autorocrement		man and control of the supplier of the supplint of the supplier of the supplier of the supplier of the supplin
	Date	etc	10 47 20	A STATE OF THE STA
	Birasy.	The state of the s		
<u> </u>	0	TELEATE AND	5	The color of the c
Contra	Basic scheme	a comment of	1000	San Service Commence of the Co
			19 000	
1 de la companya de l	Create database	database name	The Page	
	Alter tale	table name;		
574			_	
	Andrew Control of the Control		1	

25/1/10	Dole Props O		Price > 230 Price < 400 □ 00
	Relational Algebra:=	2	Project operation(II)
	areali-		project the column that satisfy the given
- No.	Produce instance of relations as a output.	and & is	and relation broject operation deplicates some are
K	The week operators its perform query a perator is a be unhary and behaving Fundamental operation for relational algebra.		The second of th
	Select (67):-	3	The subject (Price > 230 and price < 400) (Bools
	To select operation, select the types (values)	-	xus = &t/tex or tes 3
	That supply diven bregions (conditions)		notation TUS where 8, 3 are relations
	op stands for the selection predicals. X stands for the relation (Vasidable)		XSS have same no of attribute & Compatible Deplicate tuple are dutomatically eliminated
	Subject - "database" (Books) Select values from Books where subject is		Mauthor (Books) V Mouthor (auticles)
	databare.	0	X-S
	Condession: - Books with more than 4000 mg	3	xu3
	Subject - "Ostalone" and price > " 4000"		And the second s
		10.200	

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	Assignment -		Differ Commands and their syntax
	Create database for patient information son	0	atter table tablerom add
01	Authent registration		Домор
3)	Patient treatment Patient Billing	2	inest into tablerame (columname,)
® ;	Execute following queries = constraints:	<u> </u>	auto-increment = 100
10	Tring primary key in every table and	9	update table tablenama column = 'vi' where conti-
	each primary key value is not allowed user to insent value	3	select CICO, from tablerane where condits
- A)	Perform query operation: insort query execute for every table update avery for smale attribute in		
(2	repay table display patient name who has one the goot servants		
-	and also ategorised the department of		
	Display the name of patient with Dorb those who are senior citizens and who	STY	40.0
	got retrants or they are regular patients	EM.	Fin To Control of the

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		-	+				O ASSE		9	
<u>S</u> 1-	Create a database of for hunters arganisation management of for burlicular arganisation which tray served department and stores	Som	Greate	database	ศรงกรั	tory	;			
	tourbudgh was bear itemented to an or which		Tables	-	A 2 2 2 1 1 1			-		77
	department have no or employee with different	1	Store.	Takle		-			- 12	_
T. W.	Lesionation for facility to some product,		store Ed	store.	Lacation		FE C			_
li.	purchase product and return product. Then perform following operations:-				- 7			- 1		_
i)	court is al subplices up pos some desiduação	1		9.14		1578		PPN .		_
<u>Q-</u>	Display name of product which belows to a fortestible defortment and store.	2)	Departm	ent talele		3)	bxx	Liet	tal	01
83-	Find out the stock of a particular product		pet 19 belon	Atrame Store	15-				FIL	P.
						619	Book- ction	Bry	dep	1
<u> </u>	Find out the selling quantity of a particular									Ī
- 28_	Fird out the average frice of products for	4)	Employe	e tallio.	100000					+
			10	P-rame Designat	Store-id	1				_

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	select that, char, charles to folk 12 constr.		ina o pint					

11/2/20	Only Date Program		Deat Toward D
/	Greate all tables with key constraints then position select operation following: a) list the faculty with dept name & sub-name		"neest into dept (dept name) values ('CSE') ('CEE') ('EEE') ('ECE') ('ME') ('MBA');
	a) list the pound town with dept name		select * from dept;
	c) high all stratient with dept id.		select dept name from dept; select dept name from dept where deptid=1
0	autornament, dept (dept id dept m int not null autornament, dept name vasichasi (30), not null		select dept name from dept where dept id = 1
	primary Key (dept (d));	<u> </u>	Update deptare set dept name = 'CSE' where dept id = '23';
3	st rame varches com botch chase(5)		
Tanks (foreign key (dept.id) stefrences dept (dept.id));		1265
(3)	executatable for solo (ford int not null autoincrement)		
	foreign key (sub-id) stepenences rept (dept-id);		A Property of the Control of the Con
(3)			
· ·	Create dable sub (sub-id int national autoincrement)		
	primary key (sub-id), foreign key (dept-id)		
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T	Tregger							Chapter-3			
Cont							0	Wested SQL Augus			
	elevela	fter	MCITO dos	NSER.	raiom	ate / Delete) OF	Sues	Relation:- (St. Pd., 9t marks, st department)			
£ 8e	t nip	zigge	u Jeo	dy 3		The said		(Stid, Strame, Strassis, st department) (deptid, dept-rame) List the toppes of all department. Deptrame			
5.78	15062				100	and the second	50 to	7 name			
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	200	19,000		2-7	33.0		D:-	The state of the s			
State	ع علد	<u> 7</u> dv2.6	+ 5.5	50 p- 2	+,9	<u>sub-3</u> ;		deptid dept-rame			
Sal	5 -	Sito	60.	100	7.54			Select didept name, (Select Sismone, Simondo)			
Ew	1	AN -02	_60		1 (2) - 1 El D. E.	Transis Co.		Select didept name, (Select Sistame, Simonds) from Student where simonds max [S-name] from dinner join sond deptid= So dept			
	End					Nasa - Para					
		- Win		2.302							
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