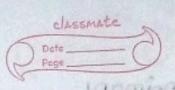
Index In				
Index Index Index Introduction of DBMS 219123 Introduction of DBMS 1219123 Introduction of DBMS 18/10/23 Introduction of DBMS 18/10/23 Introduction of DBMS 18/10/23 Introduction to SOL) Introduction to SOL) Introduction to SOL)				DBMS
1. Introduction of DBMS 1219123 2. Relational data model, 18/10/23 Relational algebra & calcular (Introduction to SOL) 4. Assignment NO.3 03/11/23 4. Assignment NO.4 03/11/23 4. Assignment NO.4 03/11/23 (Transaction		-+ 1		
1. Introduction of DBMS 1219123 2. Relational data model, 18/10/23 Relational algebra & 19/10/23 Calculas. 3. Assignment NO.3 03/11/23 (Introduction to SQL) 4. Assignment NO.4 03/11/23 (Transaction		Tudex		The state of the s
1. Introduction of DBMS 1219123 2. Relational data model, 18/10/23 Relational algebra & 19/10/23 Calculas. 3. Assignment NO.3 03/11/23 (Introduction to SQL) 4. Assignment NO.4 03/11/23 (Transaction			Assert Alle A	
1. Introduction of DBMS 1219123 2. Relational data model, 18/10/23 Relational algebra & 19/10/23 Calculas. 3. Assignment NO.3 03/11/23 (Introduction to SQL) 4. Assignment NO.4 03/11/23 (Transaction	- NO	Assignment No. 1	· Date	Sign
2. Relational data model, 18/10/23 Relational algebra & 19/10/23 calculas. 3. Assignment NO.3 03/11/23 (Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 8/11/23	51. 100	3	A STATE OF THE STA	J
2. Relational data model, 18/10/23 Relational algebra & 19/10/23 calculas. 3. Assignment NO.3 03/11/23 (Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 8/11/23	-		Barrier Naple Street St.	
2. Relational data model, 18/10/23 Relational algebra & 19/10/23 calculas. 3. Assignment NO.3 03/11/23 (Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 8/11/23	1.	Introduction of DBMS	1249123	A L
Relational algebra & Tollow Calculas. 3. Assignment NO.3 03/11/23 (Introduction to SQL) 4. Assignment NO.4 03/11/23 (Transaction SIII/23				
Relational algebra & Tollow Calculas. 3. Assignment NO.3 03/11/23 (Introduction to SQL) 4. Assignment NO.4 03/11/23 (Transaction SIII/23	12.	Relational data model.	18/10/23	B-2
acalculas. 3. Assignment NO.3 03/11/23 (Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 9/11/23	1	pelational algebra \$		19/10/20
3. Assignment NO.3 03/11/23 (Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 8/11/23		calculas.		
Introduction to SOL) 4. Assignment NO.4 03/11/23 (Transaction 8/11/23		Carcaio		1
4. Assignment NO. 4 03/11/23 B (Transaction 8/11/23	3.	Assignment NO.3	03/11/23	1
4. Assignment NO. 4 03/11/23 B (Transaction 8/11/23	31	(Introduction to		7/11/23
4. Assignment NO. 4 03/11/23 B (Transaction 8/11/23	Parise .	SOL		
(Transaction 8/11/23				1
(Transaction	G.	Assistment NO. 4	03/11/23	R
processing)	-	(Transaction		8/11/23
Processing)	1	Occassing)		
	Tage 1	Processing		and the sale
				}
				-
				DESCRIPTION OF THE PARTY OF THE
	0			At the land of
	1			
	1			The state of the s
	1			
	1			
	1			
	1			
	1			



Assignment No.1.

Explain terminology of RDBMs.

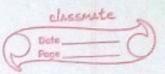
All modern database system like sal,

MISSOL server, IBMDB2, oracle, My sal

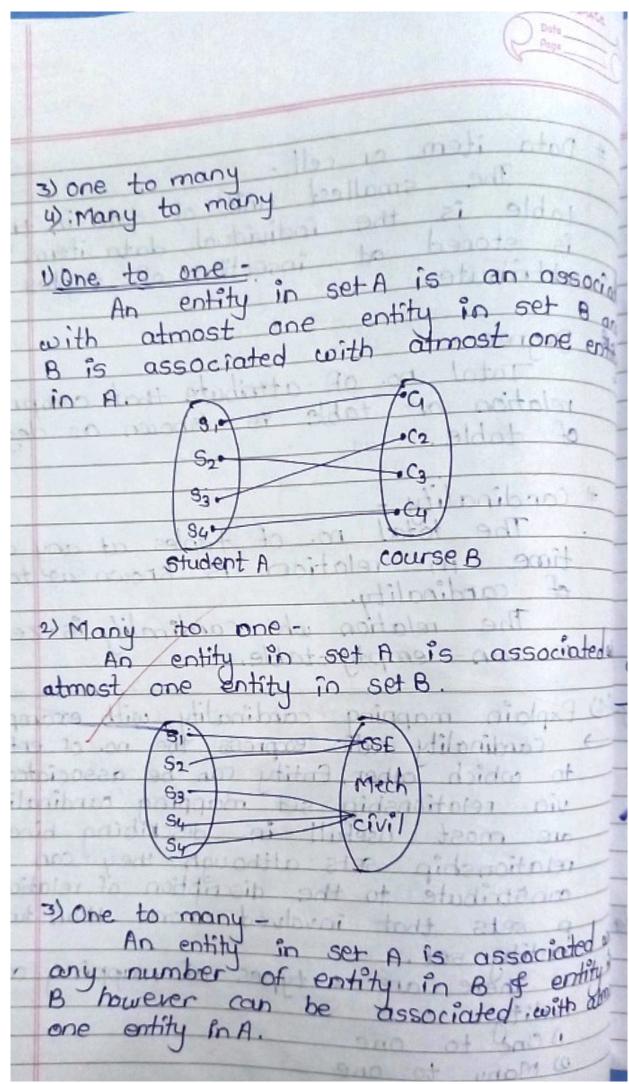
etc. are based on RDBMs. It is based on relational model introduced by E.F. codd. - Terminologies of RDBMS

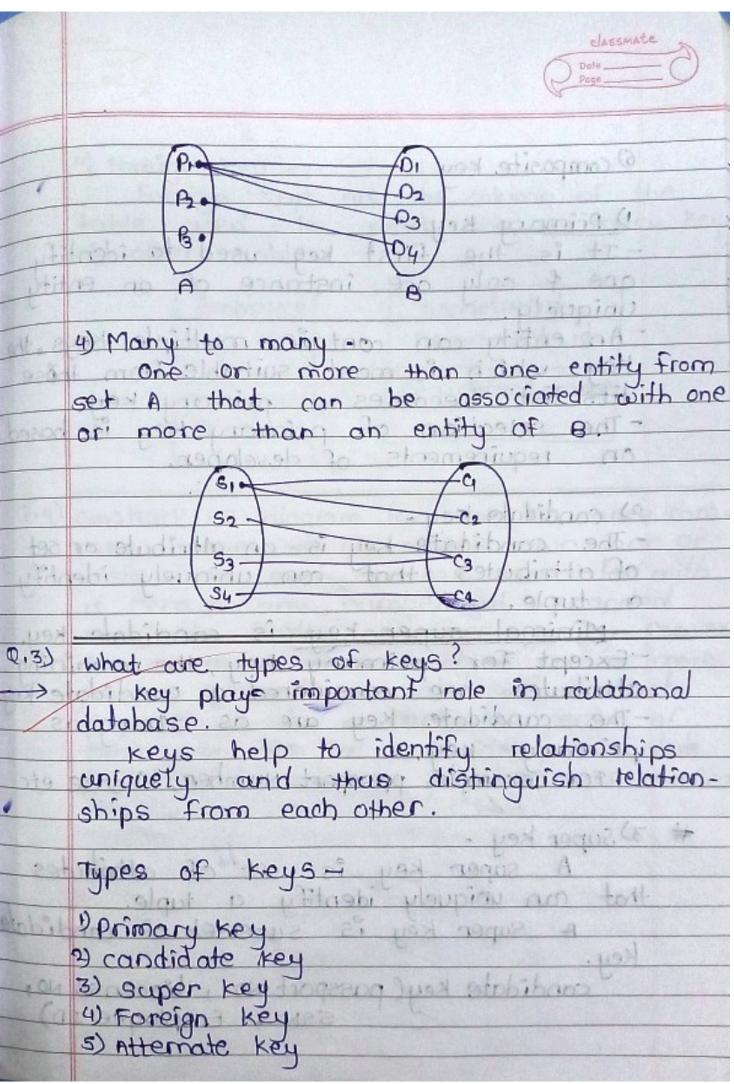
DTable - Squt so 25,0009 # Everything in relational DB is store. d in the form of relations. The ROBMS DB uses tables to store al data a latingind A table is collection of relational data which contains rows of column to store data on abrone, out out Each table represent same real word object such as person, place, or event ? muce is inclovent. Properties of Relationship - Each rest has a unique name by which it is identied in the DB Relation doesn't contains duplicate tuples por trois. Tuples of relation have no specific order.
All attributes in a relation are atomy. Each cell of relation contains exactly one values.

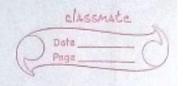
	Date Page
primo	1 addition of
row	Eid Ename Designation salary address 18 1 Ram HOD 80,000 Pandhapun 18 2 Monali professor 40,000 -11-13 3 Greeta HOD 80,000 -11-13
	bhas. I T Degree bas whattai
# ande	Row records or tuple - Row is also called record or tuple It ex contain specific information of each entry in the table. It is horizontal in a table.
7	Property. No two records are identical each others. All records of a relation have the same no of entities. The order of rows is irrelavent. They are identify thy there contents not there position.
# of a	column is vertical entities in the table which contains all information associated with a specific field. For examples, Ename is a column which contain all information about empolyees name.



Data item or cell - promote and (The smallest unit of data in the table is the individual data item. It is stored at insertion of tuples and attribute, A los ai vistas A # Degree - its this betoing as a Total no. of attribute that comprises relation or table is known as degree of table. # cardinality. The total no. of tuples at any one time in relation is known as table of cardinality. The relation who cardinality is zero is an empty table. Q.2) Explain mapping cardinality with example. cardinality ratio express the no of entities to which other. Entity can be associated via relationship set mapping cardinalities are most usefull in describing binary relationship sets although they can constribute to the discription of relationship p sets that involved more than two entity set. mality. There are a types of mapping cardi-Done to one 2) Many to one







6) composite key

) Primary key one & only one instance of an entity uniquely.

An entity can contain multiple keys, the key which is most suitable from those tits list becomes a primary key.

- The selection of primary key is based on requirements of developer.

2) candidate key-- The candidate key is an altribute or set of attributes that can uniquely identify a tuple.

Minimal super key is candidate key. -Except for primary key, the remaining attributes are considered a candidate key - The candidate key are as strong as primary key, For example, passport Number, license etc

ships from each aller.

3) Super key -

that can uniquely identify a tuple.

A super key is superset of andidate

candidate key (passport No., l'ecense No, SSN, Employee ID)

