1					
	part 1/ Section 1 -> Introduction.				
1					
	Data -> collection of facts abt an obj of interest.				
3	PALA CANA CONTRACTOR A PART OF THE PART OF				
	Data is raw by itself; we need to analyze anaglize anaglize analyze it to gain anything from it.				
	analyze it to gain anything from it.				
	-information.				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	The result of that analysis will tell is if we need to				
	change en make a decision.				
29	Data sequioconents -> Avallable/Accessable				
101	California / - Lo s sales a sil minus Maria Maria				
	Valid / Integrity / Toue				
	Secure.				
. 40	Data Concussent/Multiple people view at same				
3	Dutabase -> Shared collection of logically related data &				
	description of these data, designed to meet				
	Enformation ocquirements of an organization.				
.1.					
	OBMS -> A software system that allows used to define,				
	DBMS -> A software system that allows used to define, execte, maintain and control access to detabases.				
	Application -> Intencts with databases using appropriate veg.  ( Like an SQL gletement)				
	( like an sal glatement)				
	User				

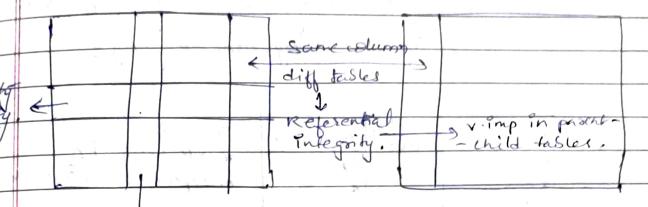
	PAGE HO DATE
	Old - flot file model
, \	The of the face!
- 9)	Types of databases   resioned rudy model
	9 types - Relational
	> NIOSql (NIOT only SQL).
	12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Microschical - toee like structure. Eg: - 1495, RDM, Mobile.
	1) Network -> Graph Stouchise. Eg! - 18M8/189.
	( )
	Relationel - one (00 more tables having sous & columns.
	Relationel - one con more tables having sous & columns.  Eg: - DB2, Oracle, SQL Server.
	· ·
Ű	) NOSOL -> key-value (0x) graph (0x) documents stouctures used to
	store data. Aim 9x for simplicity of design, workgontel
	scaling & finer control over ovaliability.
	Eg: - Carsandsa, Mongobb, Couch bB, Orient BB, MBASE, etc.
	In this wouse four on Keletiand Saletases.
	In mis word of
-	
5)	Relational Model.
	(ox field)  Name of each column. [ field - interrection cell b/n]  (ox field)
	(or field)
	tuple -> row (or) also celled occords.
2	Cardinelity -s No: of rows in a seletion / table.
	Degree of relation -s No: of attorbutes.
	Begsee of
	Lomain > 10: of allowables in an attorbute.

	PAGH		 Contract Contract Con
-	DATE	/	

6) Data Integrity & Constocients

data Integrity means ensuring accuracy & consistency of

DBMS ensure dete integriby through constrainty.



(each column to here a domain)

whiquely Identify a sow - ( Rg? - Reg No:, Id, etc).

Connot be null - Called Primary Key.

To more than one column used to Identify a unique sow, they are together collect composite Primary key.

A table can have multiple condidate keys but only one posmany key.