SQL Ch1: RDBMS concepts	_	[FSN]	
Database is the place of storage of data in form of talders also collection of 1/more table  Data - information which is wright.  Cable - Collection of 2 nows & columns  Taken f Views  Tendersy  Tendersy			
Cable - Collection of Consoler of Course	veful. Decolumns o Dedum		L Views Ludersus Endersus ed Procedur
Colly intersection of low & column Stored Bacadine Column - field / attribute Functions  Record - row / tuple Trapers.			
Dodaloan Softwares L. Ovaile, S&L server, Bond BJ., MyS&L  butent  oracle 219			
Relationing ansociation by any 2 tables taldes which,  preserves dute integrity  date not  platorety  Part table  Dept. table  Dept. table			
Dep_id Dep_name	Empid {	emp_name	dep_rd

- -R-prients dipluate records so movinent date of
- whatever we inset to child should be present in parent talde

## DBMS & RDBMS

- DBMS

Dotabase Management System

- destabare which allows of us to store data in form of Table.

RDBMS
Relational DBMS

-database for volume, good more data volume, good performance, enhanced security features city when compared against DBMS - Any DBMS to qualify as

- Any DBMS to grangers
RDBMs should support
Codd Rules

Aysgl

EN: FoxPro, Doare

## CONSTRAINTS

L'andetron so to restrict invalid data in the table unally for column of a table

Type of Constrainte

- NOT NULL - unique - Primary Key (PK)

NU PFC

foriegn Key (FK)

PNOT NULL

ensure attend someo value will be present in a colum Ext. dept-name

NULL is nothing

-not occupy any space in nemon

- represent unknown value

UNIQUE

Inot allow any duplicates is a column.

Ex: emp-id.

- Unique con takes multiple nulls.
Ex: ph-monts unler its promany key

Prinary Key

· combination of [NOT NULL] + [UNIQUE]

- only I PK is allowed in a table

- PK identifier a record uniquely is a table

- creation of PK is not mandatory, but it is nightly recomended, to create. Ex: emp-id

FOREIGN KEY REFERENTIAL Integrity Constrainty

r creates relationship blu 2 tables.

Loreated on child table

- can tale both NULL & dupleake values,

- to create FK,

marter table should have PK defined on column of marter table,

- more than I FK cart be in a given table

CHECK

L to provide additional validations as per

curtomen seguerens ex: Sal > 1000

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