Noto-bose;

Abortypes:

Smollint: 2 bytes: integer

Willeger: 4 bytes - wheger

Real: Real number

A Roal of precisions

Newmal types?

Decimal

Numeric.

(Northe some & hor (Lenoth) A Von Iron (Mob Penglih) ade by pess 4 Dole & time of from, minutes, seconds. & timestomp-precises moment, & whenol : time internol

Bit : Save one bit.

Bit(5) / Pst(3) - etc.

Longroge Définition
de donnée : (LND).

create on entity:

create tolde tolde_mome (colonne type):

default heyword, initialize

the ottribute with the given solo.

cromple:

creatie toble thing (
mome vor for (200) reford 'Alaa')

-to get the schema of the edity:
Sescribe entity's mome;

constraints in Sql3 . Possible condraints à primong vey, Foreign vey, Références, Unique, leur :... o on the entity: cheate table, Alter table... -> you can give the constraints

wowe?

example of opining a constraint while creating the entity:

create tableaces (is integer constrain [constraint mame] primary Keng (Attril, 2...)

- External Gey?

create table emp (
...,
dept integer constraint r_dept references
dept(dept))

opional if the tanget is primary bey

Shouldadd

create table emp (
...,
dept integer,
constraint r_dept foreign key(dept)
references dept(dept))

Foreign Key

heck of on show that.

Parthe constraints, it is possible

to enable Disable constraints.

ALTER TABLE emp

DROP CONSTRAINT nom_unique

ADD CONSTRAINT sal_min CHECK(sal + coalesce(comm,0)>50)

RENAME CONSTRAINT nom1 TO nom2

MODIFY CONSTRAINT sal_min DISABLE

to word on goutube?

constraints,

contralling them,

leituing

- update

poge3 41.

Leon Crud Shits.
Losius à insert, update, Delete.
deoling with null Volues.
deoling with mull Volues. Sql commond coelecce (-,-,-)
Jaurs.
Returns the first mon mulloble element.
Elowent.

SELECT COALESCE(column1, column2, 'DefaultValue') AS Result FROM your_table;

Returns if the 2 elements in the origination one equal, other wise the Value of the first dements

SELECT NULLIF(column1, 0) AS Result FROM your table;

Sel Moins.

1) Normal Main z => combines nous from two tobles based on common Commonnes.

How it works 3
identify Summs with Similar
momes.
- Eliminates duplicated data. on
Summs.

- combine the Robus.

Example 1:

toble Demployee

Employe	eID N	lame	De	partmentID
	Alice			1
	Bob Charlie			1

toble 2: de portement

DepartmentID DepartmentName								
 101 102 103	 HR							

Commond Soft

SELECT *
FROM Employees
NATURAL JOIN Departments;

Result.

Employe	eID Name	DepartmentII	D DepartmentName
[2]	Alice 101 Bob 102 Charlie 101		