Constriocinis in sal decabase:

## NOTNULL:-

The NOTNULL construction is used to ensure that a given column of a table is never assigned the rull value.

Symiac: - Create tooble tablename

Column\_name doctatype(\$;zc) NoTNULL);

Ext. - Create table emp

Ceid number (C3),

name variebar(2C30) NoTNULL,

Degn variebar(2C30),

Sal number (C3-) NoTNULL,

## Primarry Key:-

The primary key construction- uniquely identifies each receased in a trable. In trable can have only one primary key & this construction common contacts.

Preimany hey define at column level.

, dno. rumbor (2));

byneax: - Oreaec table tablename

(col-name duallype(size) primary key);

Ez: Greare rable emp(cul rumber(3) primary key,

rame varichanz(30) NoINUL,

Degn variation 2 (20), bal number (25) NoThull dno. number (2));

Define ou couble level:

Egnicos: - Creacie isoble isoblename (Col-name! douoligne Csize),

col\_namen daealyre (size), primary key (col\_name));

Ex. Creace rable emp (cid number (3),

name varichari(30) NIOTINULL, degn varichari(20), 8ad numberi (3-) NOTINULL, dnu. numberi (2)

primorry hey (eid));

Naming a Constración: :-

Egnitica !- constración : (constración trace) constración dej

Naming column level:

Bynian: Creave vable vablename

( col-name daraigne (size)

En:- Creace hable onp

( cid numbers (3). construction. Ph\_c Primary light

Naming rable level:

Syntax: Create table tablename (col\_roume charagectore),

col-namen dualgrecere)

Constración (constración rame)

constración del );

Ez:- Creare table ent cid number(3),

none vandanz (20)

Construcione Ph\_e\_construcione primarylay (cid))

Display vable's ansmovini name:

Byniax: - Belear constraint-name, constraint - type,

from cusers\_constructints

where table-name = {tablename};

Ex:- belear construcioni-roome,

constract - type,

from user\_consmedints

where table-name = (EMP);

## UNIQUE LEY: -

The primary key it has the uniques proporty. Like primary key, the unique key doesnot allow duplicacie values.

edumn. The basic difference the primary key & unique key.

in) The primary key does not callow rull value been the conjugate key callow rull value.

in table more than one unique hey is allow.

At column level:-

Syntoux: Create table (bablename)

Cook-name datatype (size)

Constraint constraint name UNIQUE);

Ex: Charce touble emp

Coid number (3) construction. Ph\_c paimoury hey, name variations 2(30) construction. UNQ\_N UNIQUE, dego variations 2(20),

sal remberc (s-) NOTNULL,

DOB dance consumocing MNQ-D MNIQUE);

Mr touble level:

byniax: - Creace vable (vablename)

Cool downtype (size)

colo downtype (size)

colo downtype (size)

construction. Konstructionarre) ANI QUE (COX));

Ex: Create vable emp Ceid varioharza (10),

crame vandary (30),

degn · vanchanz (20),

Sal number (6) MOTNULL,

dob dave,

dno number(3).

consinocini. Ph-e primary key (cid),

constraint unq\_d unique (coarredob));

CHECK constraint: -

The check constraint is used to limit the value range that can be placed in a column. If define a check constraint on a column it will allow only corrain values for this column.

At column level:

Syntax: (neare table Ktablename)

(col\_name downlype (size) check (exondition));

En: Creace vaste emp

( eid number (3) preimary hey

crome varidace 2 CIO) UNIQUE,

gender varichair 2(1) ethech (gorder IN(M,F,T)))

At table level 1-

greax: Greace rable x rableranc)

Cash name doublighte (size),

constración. (constración rome) Checha (cxprasson));

En: Crecae vaste onp

(eid varichanz (10),

oname varichanz (20),

degn varichanz (10),

sal number (6),

gendar varichanz (1),

dno number (2),

constricum on all unique (coard),

constricum on all unique (godarin (misti)),

constricum och de godarin (misti),

constricum och de de sal baucen 10,000

and (00000));

## Foreign Key Construccine: :-

-) Referential intigrately constant course implemented by the concept of foreign hey.

<sup>1)</sup> Di- is use to maintain consistancy ocomony riccos

<sup>-)</sup> Di is use to modination redoctionship among trable on relactions.

<sup>&</sup>quot;I precipitely see of autribures & calcums which value is drawed from primary key on unique bey of some other vable or same trable praised