PT Voluntaria

1:

CREATE VIEW dept10 AS

SELECT empno, empname, sal, comm

FROM emp

WHERE (deptno = 10)

2:

CREATE VIEW vista2 AS

SELECT DISTINCT emp.deptno, empno, empname,SUM(sal), comm

FROM emp

GROUP BY deptno, empno, empname, sal, comm

3:

MALAMENT

SELECT sum FROM vista2 v INNER JOIN vista2 s ON sum v = sum s

WHERE SUM(v.sum) > SUM(s.sum)

4:

SELECT empname

FROM dept10

WHERE comm IS NOT NULL

5:

No funciona aixi

INSERT INTO dept10

VALUES (999,”RODOLFO”,999,999)

Nomes dixa afegir la columna llevant el nom “RODOLFO”

INSERT INTO dept10

VALUES (999,999,999)

6:

DELETE FROM dept10

WHERE empno = '999';

7:

PT Obligatoria

1-

CREATE VIEW vista1 AS

SELECT eid, inom, estudis

FROM preinscripcions

WHERE estudis = 'Cicles'

ORDER BY estudis ASC;

Si, es poden actualitzar tots els elements que compleixquen la condicio de estudiants = Cicles

Eliminar tuples de l’alumne 10

DELETE FROM vista1

WHERE (eid = 10)

2-

CREATE VIEW vista2 AS

SELECT eid, inom, estudis

FROM preinscripcions

WHERE (estudis = 'Cicles') AND (estudis = 'Batxillerat')

M’ha deixat insertar-ho correctament:

INSERT INTO vista2

VALUES(12, 'Estatut', 'Cicles')

SELECT \* FROM vista2

Viola la restriccio de clau foranea:

INSERT INTO vista2

VALUES(13, 'La\_Serreta', 'ESO')

WITH CHECK OPTION: CREATE OR REPLACE VIEW vista2 AS

SELECT eid, inom, estudis

FROM preinscripcions

WHERE (estudis = 'Cicles') AND (estudis = 'Batxillerat')

Et deixa afegir els valors ja que es salta la restriccio de la clau forana.

3-

CREATE VIEW vista3 AS

SELECT DISTINCT e.ciutat, AVG(eid)

FROM instituts i INNER JOIN estudiants e ON i.ciutat=e.ciutat

GROUP BY e.ciutat,eid

Hem dona aquest error al intentar eliminar-ho:

ERROR: cannot delete from view "vista3"

DETAIL: Views containing DISTINCT are not automatically updatable.

HINT: To enable deleting from the view, provide an INSTEAD OF DELETE trigger or an unconditional ON DELETE DO INSTEAD rule.

DELETE FROM vista3

WHERE (ciutat='sabadell');

I tampoc deixa afegir cap tipus de valor amb el mateix error pràcticament:

ERROR: cannot insert into view "vista3"

DETAIL: Views containing DISTINCT are not automatically updatable.

HINT: To enable inserting into the view, provide an INSTEAD OF INSERT trigger or an unconditional ON INSERT DO INSTEAD rule.

INSERT INTO vista3

VALUES('Rubi',3.5);

4:

No et deixara afegir cap valor ja que amb el DISTINCT no et deixa afegir cap INSERT sense un trigger

CREATE VIEW vista4 AS

SELECT DISTINCT(estudis), eid

FROM preinscripcions

5:

CREATE VIEW vista5 AS

SELECT e.eid, e.enom, e.puntuacio, e.ciutat FROM estudiants e JOIN estudiants c ON (e.ciutat = c.ciutat)

WHERE (e.ciutat = c.ciutat)

No deixa afegir noves dades degut a que una taula amb JOIN no pot fer servir INSERT sense un trigger

INSERT INTO vista5

VALUES(16, 'Manel', 4, 'SCR')

ERROR: cannot insert into view "vista5"

DETAIL: Views that do not select from a single table or view are not automatically updatable.

HINT: To enable inserting into the view, provide an INSTEAD OF INSERT trigger or an unconditional ON INSERT DO INSTEAD rule.

6:

CREATE VIEW vista6 AS

SELECT enom, e.eid, estudis

FROM estudiants e INNER JOIN preinscripcions p

ON e.eid = p.eid

WHERE (estudis = 'ESO')

No deixa borrar ningun atribut degut a que es necessita de un trigger

DELETE FROM vista6

WHERE (enom = 'Joan')

ERROR: cannot delete from view "vista6"

DETAIL: Views that do not select from a single table or view are not automatically updatable.

HINT: To enable deleting from the view, provide an INSTEAD OF DELETE trigger or an unconditional ON DELETE DO INSTEAD rule.

7:

CREATE VIEW vista8 AS

SELECT p.eid, enom, inom, estudis

FROM estudiants e JOIN preinscripcions p

on e.eid = p.eid

WHERE (inom = 'Estatut')

No deixa eliminar per que es necessari un trigger

DELETE FROM vista7

WHERE (enom = 'Joan')

ERROR: cannot delete from view "vista7"

DETAIL: Views that do not select from a single table or view are not automatically updatable.

HINT: To enable deleting from the view, provide an INSTEAD OF DELETE trigger or an unconditional ON DELETE DO INSTEAD rule.

Tampoc et deixa insertar cap tipus de dada:

INSERT INTO vista7

VALUES (20, 'PABLOLOO', 'IES Montsia', 'Cicles')

ERROR: cannot insert into view "vista7"

DETAIL: Views that do not select from a single table or view are not automatically updatable.

HINT: To enable inserting into the view, provide an INSTEAD OF INSERT trigger or an unconditional ON INSERT DO INSTEAD rule.

Estado SQL: 55000

8:

CREATE VIEW vista9 AS

SELECT e.eid, e.enom, e.ciutat, p.inom, e.puntuacio

FROM estudiants e JOIN preinscripcions p

ON e.eid = p.eid

WHERE (estudis = 'Batxillerat') AND (e.ciutat = e.ciutat)