**PRÁCTICA : BBDD**

**EJERCICIO 1**

INSERT INTO MISALUMNOS(

SELECT DNI, A.NOMBRE, A.APELLIDO1, A.APELLIDO2, A.GENERO, A.EMAIL, A.FECHA\_NACIMIENTO, A.FECHA\_PRIM\_MATRICULA

FROM DOCENCIA.ALUMNOS A JOIN DOCENCIA.PROVINCIA P ON A.CPRO = P.CODIGO

WHERE UPPER(P.NOMBRE) = ‘MÁLAGA’);

**EJERCICIO 2**

UPDATE MISALUMNOS SET NOMBRE = UPPER(NOMBRE), APELLIDO1 = UPPER(APELLIDO1), APELLIDO2 = UPPER(APELLIDO2)

**EJERCICIO 3**

CREATE TABLE mimatricular AS SELECT \* FROM DOCENCIA.MATRICULAR;

**EJERCICIO 4**

DELETE FROM MIMATRICULAR

WHERE ALUMNO NOT IN

(SELECT DNI FROM MISALUMNOS)

**EJERCICIO 5**

INSERT INTO MIMATRICULAR (ALUMNO, ASIGNATURA, GRUPO, CURSO)

SELECT DNI, 112, ‘A’, ‘23/24’

FROM MISALUMNOS

WHERE MONTHS\_BETWEEN(SYSDATE, FECHA\_PRIM\_MATRICULA)/12 < 4 AND DNI IN

(SELECT ALUMNO

FROM MIMATRICULAR

WHERE ASIGNATURA = 112 AND CALIFICACION NOT IN (‘AP’, ‘NT’, ‘SB’, ‘MH’))

**EJERCICIO 6**

UPDATE MIMATRICULAR

SET CALIFICACION = ‘NP’

WHERE CURSO < ‘23/24’ AND CALIFICACION IS NULL

**EJERCICIO 7**

UPDATE mimatricular

SET CALIFICACION = 'AP'

WHERE CURSO < '23/24' AND UPPER(CALIFICACION) IN ('NP', 'SP')

AND ALUMNO IN (

SELECT ALUMNO

FROM mimatricular

WHERE CURSO < '23/24' AND CALIFICACION IN ('NP', 'SP')

GROUP BY ALUMNO

HAVING COUNT (DISTINCT ASIGNATURA) = 1

);

**EJERCICIO 8**

INSERT INTO MIMATRICULAR

SELECT

FROM (SELECT DISTINCT DNI FROM MISALUMNOS) AL,

(SELECT CODIGO FROM ASIGNATURAS WHERE CURSO = 3) ASI

WHERE (AL.DNI, ASI.CODIGO) NOT IN (

SELECT ALUMNO, ASIGNATURA

FROM MIMATRICULAR

)

AND NOT EXISTS (

SELECT \*

FROM MIMATRICULAR M

WHERE M.ALUMNO = AL.DNI AND CURSO != ‘23/24’ AND CALIFICACION IN (‘NP’)

);

-Otra forma:  
INSERT INTO mimatricular (ALUMNO, ASIGNATURA, GRUPO, CURSO)

SELECT A.DNI, ASG.CODIGO, 'A', '23/24'

FROM MISALUMNOS A, DOCENCIA.ASIGNATURAS ASG

WHERE A.DNI NOT IN (

SELECT ALUMNO

FROM mimatricular M

WHERE M.ASIGNATURA = ASIGNATURA

) AND A.DNI NOT IN (

SELECT ALUMNO

FROM mimatricular

WHERE CURSO < '23/24' AND CALIFICACION IN ('NP', 'SP')

GROUP BY ALUMNO

HAVING COUNT(ASIGNATURA) > 0

) AND ASG.CURSO = 3

;

**EJERCICIO 9**

DELETE FROM MIMATRICULAR

WHERE ALUMNO IN (

SELECT DNI

FROM MISALUMNOS

WHERE MONTHS\_BETWEEN(SYSDATE, FECHA\_NACIMIENTO)/12 > 23

AND EMAIL IS NULL

);

DELETE FROM MISALUMNOS

WHERE MONTHS\_BETWEEN(SYSDATE, FECHA\_NACIMIENTO)/12 > 23

AND EMAIL IS NULL

);

**EJERCICIO 10**

DELETE FROM MISALUMNOS

WHERE DNI IN(

SELECT ALUMNO

FROM MIMATRICULAR

WHERE CURSO IN (‘22/23’, ‘21/22’)

GROUP BY ALUMNO

HAVING COUNT (DISTINCT ASIGNATURA) > 3 AND

SUM(DECODE(NVL(CALIFICACION, ‘NULA’), ‘NP’, 0, ‘SP’, 0, ‘NULA’, 0, 1)) = 0

)

DELETE FROM MIMATRICULAR

WHERE ALUMNO IN(

SELECT ALUMNO

FROM MIMATRICULAR

WHERE CURSO IN (‘22/23’, ‘21/22’)

GROUP BY ALUMNO

HAVING COUNT (DISTINCT ASIGNATURA) > 3 AND

SUM(DECODE(NVL(CALIFICACION, ‘NULA’), ‘NP’, 0, ‘SP’, 0, ‘NULA’, 0, 1)) = 0

)

**EJERCICIO 11**

INSERT INTO DOCENCIA.V\_MATRICULAR\_EJERCICIO SELECT \*FROM MIMATRICULAR;

**EJERCICIO 12**

SELECT \* FROM DOCENCIA.V\_MATRICULAR\_EJERCICIO;

**EJERCICIO 13**

COMMIT;