Creacio de taules:

/\*Pilots:\*/

/\*BE\*/

CREATE TABLE Pilots (

Codi VARCHAR(3),

Nom VARCHAR(20),

Nacionalitat VARCHAR(20),

Data DATE,

CarreraDebut VARCHAR(20),

NomEscuderia VARCHAR(20),

CONSTRAINT PK\_p PRIMARY KEY (Codi),

CONSTRAINT FK\_p FOREIGN KEY (NomEscuderia),

CHECK (Nacionalitat IN ('Basilera' , 'Espanyola' , 'Anglesa' , 'Alemanya')),

CHECK (CarreraDebut IN ('Circuit' , 'any'));

/\*Circuits\*/

CREATE TABLE Circuits (

Nom VARCHAR(20),

Pais VARCHAR(15),

Tipus VARCHAR(15),

Longitud DECIMAL(6),

CONSTRAINT PK\_C PRIMARY KEY (Nom),

CHECK (Nom IN UPPER (character),

CHECK FROM Circuits

WHERE (Longitud > 2400));

/\*Carreres:\*/

CREATE TABLE Carreres (

NomGP VARCHAR(15),

Anyo VARCHAR(4), /\*SEGLE 21\*/

DataHoraInici TIMESTAMP(),

NumVoltes DECIMAL(99), SET DEFAULT 0,

NomCircuit VARCHAR(20) NOT NULL,

CONSTRAINT PK\_1 PRIMARY KEY (NomGP, Anyo));

/\*Escuderies:\*/

/\*BE\*/

CREATE TABLE Escuderies (

Nom VARCHAR(15),

Propietari VARCHAR(15),

Seu VARCHAR(15),

CONSTRAINT PK\_E PRIMARY KEY (Nom));

/\*Resultats\*/

/\*BE\*/

CREATE TABLE Resultats (

NomGP VARCHAR(15),

Anyo VARCHAR(4),

CodiPilot VARCHAR(4),

Lloc DECIMAL(99),

CONSTRAINT PK\_R PRIMARY KEY (NomGP, Anyo, CodiPilot))

2.

a)

ALTER TABLE Resultats

ADD CONSTRAINT CodiPilot CHECK (CodiPilot IN '1234567890');

b)

ALTER TABLE Circuits

ADD CONSTRAINT norepetir CHECK (Pais TO DISTINCT Pais);

c)

SELECT UPPER(LEFT(Nom, 1)) + LOWER(SUBSTRING(Nom, 2, LEN(Nom)))

FROM Pilots

3.

a)

UPDATE Pilots

RENAME Data TO (DataNaixement)

b)

ALTER TABLE Pilots

ADD Campions NUMERIC(10)

4.

a)

INSERT INTO Escuderies

VALUES ('MCClaren' , 'Antonio' , 'Jordan');

INSERT INTO Escuderies

VALUES ('Ferrari' , 'Eustaquio' , 'Ferrari');

INSERT INTO Circuits

VALUES ('MONTMELO' , 'Espanya' , 'Llarg' , '4500');

INSERT INTO Circuits

VALUES (‘VALLIBONA’ , ‘Alemanya’, ‘Mitja’ , ‘3500’);

INSERT INTO Pilots

VALUES ('001' , 'Jose' , 'Espanyola' , '24/01/1993' , 'MontMelo1994' , 'Ferrari');

INSERT INTO Pilots

VALUES ('002' , 'Aurelio' , 'Alemana' , '21/03/1966' , 'Figueres1995' , 'Macclaren');

INSERT INTO Carreres

VALUES (‘GranPremiUganda’ , ‘1998’ , ‘1200’ , ‘20’ , ‘CircuitGolf’);

INSERT INTO Carreres

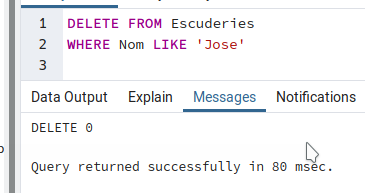
VALUES (‘PremiPaxanga’ , ‘2015’ , ‘1300’ , ‘20’ , ‘CircuitPaxanga’);

INSERT INTO Resultats

VALUES ('GranPremiUganda' , '1998' , '001');

INSERT INTO Resultats

VALUES ('PremiPaxanga' , '2015' , '002');



DELETE FROM Escuderies

WHERE Nom LIKE 'Jose'

UPDATE pilots

SET data = '12/09/1960'

SET Nacionalitat = 'Argentina'

WHERE Seu = 'Jordan'