Programación web con

PHP

Resolución ejercicios sql

Temario

Ejercicio 1

```sql
CREATE DATABASE agenda
```

```sql
CREATE TABLE personas
(
    personaId int NOT NULL AUTO_INCREMENT,
    nombre varchar(150) NOT NULL,
    apellido varchar(150) NOT NULL,
    telefono varchar(150) NOT NULL,
    direccion varchar(150) NULL,
    correo varchar(150) NULL,
    PRIMARY KEY (personaId)
)
```

```sql
RENAME TABLE personas TO contactos
```

```sql
ALTER TABLE contactos
ADD COLUMN sexo varchar(100) NOT NULL
```

```sql
ALTER TABLE contactos
DROP COLUMN correo
```

```sql
INSERT INTO contactos
(personaId,nombre,apellido,telefono,direccion,sexo)
VALUES
(NULL,"Maria","Moreno","12235334","25 de mayo 3322","Femenino"),
(NULL,"Pablo","Perez","12345443","San Martin 23","Masculino"),
(NULL,"Marcos","Sosa","344554334","Comandante Salas 332","Masculino")
```

Ejercicio 2

```sql
CREATE DATABASE ventas
```

```sql
CREATE TABLE productos
(
    productoId int NOT NULL AUTO_INCREMENT,
    nombre varchar(255) NOT NULL,
    precio float NOT NULL,
```

```sql
    PRIMARY KEY (productoId)
)
```

```sql
INSERT INTO productos (productoId,nombre,precio)
VALUES
(NULL,"Artículo A",25),
(NULL,"Artículo B",20.10),
(NULL,"Artículo C",15),
(NULL,"Artículo D",17.50),
(NULL,"Artículo E",50.25),
(NULL,"Artículo F",30.10),
(NULL,"Artículo H",25)
```

```sql
UPDATE productos SET precio=precio*01
```

```sql
DELETE FROM productos WHERE precio > 40
```

Ejercicio 3

```sql
CREATE DATABASE veterinaria
```

```sql
CREATE TABLE animales
(
    animalId int NOT NULL AUTO_INCREMENT,
    tipo varchar (150) NOT NULL,
    raza varchar (150) NOT NULL,
    nombre varchar (150) NOT NULL,
    edad int NOT NULL,
    PRIMARY KEY (animalId)
)
```

```sql
CREATE TABLE clientes
(
    clienteId int NOT NULL AUTO_INCREMENT,
    nombre varchar(150) NOT NULL,
    apellido varchar(150) NOT NULL,
    direccion varchar(150) NOT NULL,
    telefono varchar(150) NOT NULL,
    PRIMARY KEY (clienteId)
)
```

```sql
ALTER TABLE animales
```

```sql
ADD COLUMN clienteId int NOT NULL AFTER animalId
```

```sql
ALTER TABLE animales
ADD KEY (clienteId)
```

```sql
ALTER TABLE animales ADD CONSTRAINT cliente FOREIGN KEY (clienteId)
REFERENCES clientes (clienteId)
```

```sql
INSERT INTO clientes (clienteId,nombre,apellido,direccion,telefono)
VALUES
(NULL,"Maria","Moreno","San Martin 2332","43433322"),
(NULL,"Pablo","Perez","Comandante Salas 2332","43656565322"),
(NULL,"Marta","Lopez","Sarmiento 22","454443322")
```

```sql
INSERT INTO animales (animalId,clienteId,tipo,raza,nombre,edad)
VALUES
(NULL,1,"Gato","Persa","Einstein",3),
(NULL,1,"Gato","Siames","Troy",1),
(NULL,1,"Gato","Siames","Nicky",5),
(NULL,2,"Perro","Mixto","Mancha",2),
(NULL,2,"Perro","Dálmata","Rocky",4),
(NULL,3,"Perro","Mixto","Blanco",2),
(NULL,3,"Perro","Manto Negra","Clara",4)
```

```sql
UPDATE animales set edad=edad+1 WHERE clienteId=3
```

```sql
CREATE TABLE veterinarios
(
    veterinarioId int NOT NULL AUTO_INCREMENT,
    PRIMARY KEY (veterinarioId)
)
```

```sql
ALTER TABLE veterinarios
ADD COLUMN nombre varchar(150) NOT NULL
ALTER TABLE veterinarios
ADD COLUMN apellido varchar(150) NOT NULL
```

```sql
ALTER TABLE veterinarios
ADD COLUMN edad int NOT NULL
```

```sql
ALTER TABLE veterinarios
CHANGE COLUMN edad fechaNac date NOT NULL
```

```sql
INSERT INTO veterinarios (veterinarioId,nombre,apellido,fechaNac)
VALUES
(NULL,"Pedro","Perez","1987-05-04"),
(NULL,"Pablo","Gonzales","1988-06-02"),
(NULL,"Jorge","Alonso","1977-02-01")
```

Ejercicio 4

```sql
CREATE DATABASE examenes
```

```sql
CREATE TABLE alumnos
(
    alumnoId int NOT NULL AUTO_INCREMENT,
    nombre varchar(150) NOT NULL,
    apellido varchar(150) NOT NULL,
    dni int NOT NULL,
    PRIMARY KEY (alumnoId)

)
```

```sql
CREATE TABLE materias
(
    materiaId int NOT NULL AUTO_INCREMENT,
    nombre varchar(150) NOT NULL,
    PRIMARY KEY(materiaId)
)
```

```sql
CREATE TABLE rendiciones
(
    rendicionId int NOT NULL AUTO_INCREMENT,
    fecha date NOT NULL,
    materiaId int NOT NULL,
    PRIMARY KEY (rendicionId),
    KEY(materiaId)
)
```

```sql
ALTER TABLE rendiciones
```

```sql
ADD CONSTRAINT materia FOREIGN KEY (materiaId) REFERENCES
materias(materiaId)
```

```sql
CREATE TABLE rendiciones_alumnos
(
rendiciones_alumnosId int NOT NULL AUTO_INCREMENT,
rendicionId int NOT NULL,
alumnoId int NOT NULL,
nota int NOT NULL,
PRIMARY KEY (rendiciones_alumnosId),
KEY(rendicionId),
KEY(alumnoId)
)
```

```sql
ALTER TABLE `rendiciones_alumnos`
ADD CONSTRAINT materia FOREIGN KEY (rendicionId) REFERENCES
rendiciones(rendicionIdId) ,
```

```sql
ADD CONSTRAINT alumno FOREIGN KEY (alumnoId) REFERENCES
alumnos(alumnoId)
```

```sql
INSERT INTO materias (materiaId,nombre)
VALUES
(NULL, "Lengua"),
(NULL, "Matemática I"),
(NULL, "Matemática II"),
(NULL, "Historia I"),
(NULL, "Geografía")
```

```sql
INSERT INTO alumnos (alumnoId,nombre,apellido,dni)
VALUES
(NULL, "Maria", "Sosa", 23444556),
 (NULL, "Franco", "Sosa", 12444565),
 (NULL, "Luciana", "Navarro", 34569586),
 (NULL, "Pamela", "Aguirre", 33435654),
 (NULL, "Luciano", "Aravena", 23456432),
 (NULL, "Kevin", "Aravena", 23456443),
 (NULL, "Pablo", "Bordon", 34554332),
 (NULL, "Pedro", "Gonzales", 45333233),
 (NULL, "Paula", "Gutierrez", 34333222),
  (NULL, "Marcos", "Alonso", 23444234);}
```

```sql
INSERT INTO rendiciones (rendicionId, fecha, materiaId)
 VALUES
(NULL,"2014-09-10", 1),
(NULL, "2014-09-06", 1),
(NULL,"2014-09-18", 2),
 (NULL, "2014-09-06", 2),
(NULL, "2014-10-16" ,3),
```

```
(NULL, "2014-09-20", 3),
 (NULL, "2014-11-14",4),
 (NULL, "2014-11-18", 4),
(NULL, "2014-12-19" ,5),
 (NULL, "2014-12-22", 5)
```

```
INSERT INTO rendiciones_alumnos
(rendiciones_alumnosId,rendicionId,alumnoId, nota)
 VALUES
 (NULL, 1, 1,5),
(NULL, 1, 4, 8),
(NULL, 5, 6, 8),
 (NULL, 9, 3, 7),
 (NULL, 4,6,8)
```

```
UPDATE rendiciones_alumnos SET nota=nota+2 WHERE nota<5
```

Ejercicio 5

```
CREATE DATABASE musica
```

```
CREATE TABLE disco
(
    discoId int NOT NULL AUTO_INCREMENT,
    nombre varchar(255) NOT NULL,
    discografica varchar(255) NOT NULL,
    autor varchar(255) NOT NULL,
    año int NOT NULL,
    PRIMARY KEY (discoId)
)
```

```
CREATE TABLE pista
(
    pistaId int NOT NULL AUTO_INCREMENT,
    nombre varchar(150),
    letra text(1200),
    discoId int NOT NULL,
    PRIMARY KEY (pistaId),
    KEY (discoId)
)
```

```
ALTER TABLE `pista` ADD CONSTRAINT `disco` FOREIGN KEY (`discoId`)
REFERENCES `musica`.`disco`(`discoId`) ON DELETE RESTRICT ON UPDATE
```

```sql
RESTRICT;
```

```sql
INSERT INTO disco (discoId,nombre,discografica,autor,año)
VALUES
(NULL,"Please please me","Parlophone","The Beatles",1963),
(NULL,"With the Beatles","Parlophone","The Beatles",1963)
```

```sql
INSERT INTO pista (pistaId,nombre,letra,discoId)
VALUES
(NULL,"I saw her standing there","",1),
(NULL,"Misery","",1),
(NULL,"Chains","",1),
(NULL,"Please Please Me","",1),
(NULL,"Love Me Do","",1),
(NULL,"P.S. I Love You","",1),
(NULL,"It Won't Be Long","",2),
(NULL,"All I've Got to Do","",2),
(NULL,"All My Loving","",2),
(NULL,"Don't Bother Me","",2),
(NULL,"Hold Me Tight","",2),
(NULL,"I Wanna Be Your Man","",2)
```

```sql
UPDATE pista SET letra = 'Well, she was just 17,
You know what i mean,
And the way she looked was way beyond compare.
So how could i dance with another (ooh)
And i saw her standin'' there.
Well she looked at me, and i, i could see
That before too long i''d fall in love with her.
She wouldn''t dance with another (whooh)
And i saw her standin'' there.
Well, my heart went boom,
When i crossed that room,
And i held her hand in mine…
Whoah, we danced through the night,
And we held each other tight,
And before too long i fell in love with her.
Now i''ll never dance with another (whooh)
Since i saw her standing there
Well, my heart went boom,
When i crossed that room,
And i held her hand in mine…
Whoah, we danced through the night,
And we held each other tight,
And before too long i fell in love with her.
Now i''ll never dance with another (whooh)
Since i saw her standing there' WHERE pistaId = 13;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'The world is treating me bad
Misery
I''m the kind of guy
Who never used to cry
The world is treating me bad
Misery
I''ve lost her now for sure
I won''t see her no more
It''s going to be a drag
Misery
I''ll remember all the little things
We''ve done
Can''t she see
She''ll always be the only one? -only one-
Send her back to me
Because everyone can see
Without her I will be in misery
I''ll remember all the little things
We''ve done
She''ll remember and she''ll miss her only one
Lonely one
Send her back to me
Because everyone can see
Without her I will be in misery
Oh, in misery
Oh, my misery' WHERE `pista`.`pistaId` = 14;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'UPDATE `musica`.`pista` SET
`letra` = ''The world is treating me bad
Misery
I'''m the kind of guy
Who never used to cry
The world is treating me bad
Misery
I'''ve lost her now for sure
I won''''t see her no more
It''''s going to be a drag
Misery
I'''ll remember all the little things
We''''ve done
Can''''t she see
She'''ll always be the only one? -only one-
Send her back to me
Because everyone can see
Without her I will be in misery
I'''ll remember all the little things
We''''ve done
She'''ll remember and she''''ll miss her only one
Lonely one
Send her back to me
Because everyone can see
```

```sql
Without her I will be in misery
Oh, in misery
Oh, my misery'' WHERE `pista`.`pistaId` = 14;' WHERE `pista`.`pistaId`
= 15;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'Chains, my baby''s got me locked
up in chains.
And they ain''t the kind that you can see.
Whoa, oh, these chains of love got a hold on me, yeah.

Chains, well i can''t break away from these chains.
Can''t run around, ''cause i''m not free.
Whoa, oh, these chains of love won''t let me be, yeah.

I wanna tell you, pretty baby,
I think you''re fine.
I''d like to love you,
But, darlin'', i''m imprisoned by these...

Chains, my baby''s got me locked up in chains,
And they ain''t the kind that you can see,
Oh, oh, these chains of love got a hold on me.

Please believe me when i tell you,
Your lips are sweet.
I''d like to kiss them,
But i can''t break away from all of these...

Chains, my baby''s got me locked up in chains.
And they ain''t the kind that you can see.
Whoa, oh, these chains of love got a hold on me, yeah.

Chains, chains of love...' WHERE `pista`.`pistaId` = 15;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'Last night i said these words to
my girl
i know you never even try, girl
come on, come on, come on, come on
please, please me, wo yeah, like i please you
You don''t need me to show the way, love
why do i always gave to sat, love
come on, come on, come on, come on
please, please me, wo yeah, like i please you
I don''t want to sound complaining
but you know there''s always rain in my heart
i do all the pleasing with you,
it''s so hard to reason with you
wo yeah, why do you make me blue?
```

```sql
Last night i said these words to my girl
i know you never even try, girl
come on, come on, come on, come on
please, please me, wo yeah, like i please you
wo yeah, like i please you
wo yeah, like i please you' WHERE `pista`.`pistaId` = 16;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'Love, love me do
you know i love you
i''ll always be true
so please love me do
wo ho love me do.


Love, love me do
you know i love you
i''ll always be true
so please love me do
wo ho love me do

Someone to love
somebody new
someone to love
someone like you

Love, love me do
you know i love you
i''ll always be true
so please love me do
wo ho love me do

Love, love me do
you know i love you
i''ll always be true
so please love me do
wo ho love me do ' WHERE `pista`.`pistaId` = 17;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'As i write this letter,
Send my love to you,
Remember that i''ll always,
Be in love with you.

Treasure these few words ''till we''re together,
Keep all my love forever,
P.s., i love you.
You, you, you.

I''ll be coming home again to you, love,
And ''till the day i do, love,
P.s., i love you.
```

```sql
You, you, you.

As i write this letter,
Send my love to you,
Remember that i''ll always,
Be in love with you.

Treasure these few words ''till we''re together,
Keep all my love forever,
P.s., i love you.
You, you, you.

As i write this letter, (oh oh oh)
Send my love to you, (you know i want you to)
Remember that i''ll always, (yeah)
Be in love with you.

I''ll be coming home again to you, love,
And ''till the day i do, love,
P.s., i love you.
You, you, you.
You, you, you.
I love you. ' WHERE `pista`.`pistaId` = 18;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'It won''t be long yeh, yeh, yeh
It won''t be long yeh, yeh, yeh
It won''t be long yeh, till i belong to you

Every night when everybody has fun
Here am i sitting all on my own

It won''t be long yeh, yeh, yeh
It won''t be long yeh, yeh, yeh
It won''t be long yeh, till i belong to you

Since you left me, i''m so alone
Now you''re coming, you''re coming on home
I''ll be good like i know i should
You''re coming home, you''re coming home

Every night the tears come down from my eyes
Every day i''ve done nothing but cry

It won''t be long yeh, yeh, yeh
It won''t be long yeh, yeh, yeh
It won''t be long yeh, till i belong to you

Since you left me, i''m so alone
Now you''re coming, you''re coming on home
I''ll be good like i know i should
You''re coming home, you''re coming home
```

```sql
So every day we''ll be happy i know
Now i know that you won''t leave me no more

It won''t be long yeh, yeh, yeh
It won''t be long yeh, yeh
It won''t be long yeh, till i belong to you, woo' WHERE
`pista`.`pistaId` = 19;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'Whenever i want you around yeh
All i gotta do
Is call you on the phone
And you''ll come running home
Yeh that''s all i gotta do

And when i, i wanna kiss you yeh
All i gotta do
Is whisper in your ear
The words you long to hear
And i''ll be kissing you

And the same goes for me
Whenever you want me at all
I''ll be here yes i will
Whenever you call
You just gotta call on me, yeh
You just gotta call on me

And when i, i wanna kiss you, yeh
All i got to do
Is call you on the phone
And you''ll come running how
Yeh, that''s all i gotta do

And the same goes for me
Whenever you want me at all
I''ll be here yes i will
Whenever you call
You just gotta call on me, yeh
You just gotta call on me, oh
You just gotta call on me

Mmmmmmmmm' WHERE `pista`.`pistaId` = 20;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'Close your eyes and i''ll kiss
you
tomorrow i''ll miss you
remember i''ll always be true
```

```
and then while i''m away
i''ll write home every day
and i''ll send all my loving to you
I''ll pretend that i''m kissing
the lips i am missing
and hope that my dreams will come true
and then while i''m away
i''ll write home every day
and i''ll send all my loving to you
All my loving i will send to you
all my loving, darling i''ll be true
Close your eyes and i''ll kiss you
tomorrow i''ll miss you
remember i''ll always be true
and then while i''m away
i''ll write home every day
and i''ll send all my loving to you
All my loving i will send to you
all my loving, darling i''ll be true
all my loving, all my loving ooh
all my loving i will send to you' WHERE `pista`.`pistaId` = 21;
```

```
UPDATE `musica`.`pista` SET `letra` = 'Since she''s been gone
I want no one
To talk to me
It''s not the same
But i''m to blame
It''s plain to see


So go away and leave me alone
Don''t bother me

I can''t believe
That she would leave
Me on my own
It''s just not right
Where every night
I''m all alone

I''ve got no time for you right now
Don''t bother me

I know i''ll never be the same
If i don''t get her back again
Because i know she''ll always be
The only girl for me


But till she''s here
Please don''t come near
```

```
Just stay away
I''ll let you know
When she''s come home
Untill that the day

Don''t come around leave me alone
Don''t bother me

I''ve got no time for you right now
Don''t bother me

I know i''ll never be the same
If i don''t get her back again
Because i know she''ll always be
The only girl for me

But till she''s here
Please don''t come near
Just stay away
I''ll let you know
When she''s come home
Untill that the day

Don''t come around leave me alone
Don''t bother me
Don''t bother me
Don''t bother me' WHERE `pista`.`pistaId` = 22;
```

```
UPDATE `musica`.`pista` SET `letra` = 'It feels so rigt now,
hold me tight,
tell me I the only one,
and the I might
never be the lonely one

So hold (hold) me tight (me tight)
tonight (tonight)
tonight (tonight)
it´s you (you, you, you)

Hold me tight
let me go on loving you,
tonight (tonight)
making love to only you

So hold (hold) me tight (me tight)
tonight (tonight)
tonight (tonight)
it´s you (you, you, you)

Don´t know what it means to hold you tight
being here alone tonight with you,
```

```
it feels so right now

Hold me tight
let me go on loving you,
tonight (tonight)
making love to only you

So hold (hold) me tight (me tight)
tonight (tonight)
tonight (tonight)
it´s you (you, you, you)' WHERE `pista`.`pistaId` = 23;
```

```sql
UPDATE `musica`.`pista` SET `letra` = 'I wanna be your lover baby,
I wanna be your man,
I wanna be your lover baby,
I wanna be your man.
Love you like no other baby,
Like no other can,
Love you like no other baby,
Like no other can.

I wanna be your man, i wanna be your man,
I wanna be your man, i wanna be your man.

Tell me that you love me baby,
Let me understand,
Tell me that you love me baby,
I wanna be your man.
I wanna be your lover baby,
I wanna be your man,
I wanna be your lover baby,
I wanna be your man.

I wanna be your man, i wanna be your man,
I wanna be your man, i wanna be your man.

I wanna be your lover baby,
I wanna be your man,
I wanna be your lover baby,
I wanna be your man.
Love you like no other baby,
Like no other can,
Love you like no other baby,
Like no other can.

I wanna be your man, i wanna be your man,
I wanna be your man, i wanna be your man.
I wanna be your man, i wanna be your man.' WHERE `pista`.`pistaId` =
24;
```