



MODELO FISICO VETERINARIA

Examen práctico primer parcial

Creación tabla Veterinaria

```
MariaDB [(none)]> Create Database Veterinaria;  
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [(none)]> Show databases;
```

Database
ejemplo
information_schema
mysql
performance_schema
phpmyadmin
prestamobiblio
test
veterinaria

```
8 rows in set (0.000 sec)
```

Uso de la base de datos

```
MariaDB [(none)]> use veterinaria;  
Database changed  
MariaDB [veterinaria]>
```

Creación tabla clientes

```
MariaDB [veterinaria]> create table clientes (ID_clientes int NOT NULL, ID_mascota int NOT NULL, Nombre varchar(20) NOT NULL, ApellidoP varchar(20), Calle varchar(30) NOT NULL, NumExt int NOT NULL,  
-> Pais varchar(30) NOT NULL, Colonia varchar(30), PRIMARY KEY(ID_clientes));  
Query OK, 0 rows affected (0.006 sec)
```

```
MariaDB [veterinaria]> Describe Clientes;
```

Field	Type	Null	Key	Default	Extra
ID_clientes	int(11)	NO	PRI	NULL	
ID_mascota	int(11)	NO		NULL	
Nombre	varchar(20)	NO		NULL	
ApellidoP	varchar(20)	YES		NULL	
Calle	varchar(30)	NO		NULL	
NumExt	int(11)	NO		NULL	
Pais	varchar(30)	NO		NULL	
Colonia	varchar(30)	YES		NULL	

```
8 rows in set (0.007 sec)
```

Creación tabla Mascotas

```
MariaDB [veterinaria]> create table Mascotas (ID_mascota int NOT NULL, TipoMa varchar(20) NOT NULL, Raza varchar(20), Edad int NOT NULL,  
-> FechaR date NOT NULL, Peso int NOT NULL, Tratamiento varchar(50) NOT NULL, PRIMARY KEY(ID_mascota));  
Query OK, 0 rows affected (0.006 sec)
```

```
MariaDB [veterinaria]> Describe mascotas;
```

Field	Type	Null	Key	Default	Extra
ID_mascota	int(11)	NO	PRI	NULL	
TipoMa	varchar(20)	NO		NULL	
Raza	varchar(20)	YES		NULL	
Edad	int(11)	NO		NULL	
FechaR	date	NO		NULL	
Peso	int(11)	NO		NULL	
Tratamiento	varchar(50)	NO		NULL	

```
7 rows in set (0.007 sec)
```

Creación tabla Servicio

```
MariaDB [veterinaria]> create table servicio (ID_servicio int NOT NULL, ID_empleado int NOT NULL, ID_mascota int NOT NULL,  
-> TipoS varchar(30) NOT NULL, FechaS DATE NOT NULL, HoraS DATE NOT NULL, PRIMARY KEY(ID_servicio));  
Query OK, 0 rows affected (0.005 sec)
```

```
MariaDB [veterinaria]> Describe servicio;
```

Field	Type	Null	Key	Default	Extra
ID_servicio	int(11)	NO	PRI	NULL	
ID_empleado	int(11)	NO		NULL	
ID_mascota	int(11)	NO		NULL	
TipoS	varchar(30)	NO		NULL	
FechaS	date	NO		NULL	
HoraS	date	NO		NULL	

```
5 rows in set (0.009 sec)
```

Creación tabla Empleados

```
MariaDB [veterinaria]> create table Empleados (ID_empleado int NOT NULL, Nombre varchar(30) NOT NULL, ApellidoP varchar(20),  
-> ApellidoM varchar(20) NOT NULL, Tel int NOT NULL, NSS int NOT NULL, CURP varchar(18) NOT NULL, RFC varchar(20) NOT NULL,  
-> Salario int NOT NULL, PRIMARY KEY(ID_empleado));  
Query OK, 0 rows affected (0.005 sec)
```

```
MariaDB [veterinaria]> Describe empleados;
```

Field	Type	Null	Key	Default	Extra
ID_empleado	int(11)	NO	PRI	NULL	
Nombre	varchar(30)	NO		NULL	
ApellidoP	varchar(20)	YES		NULL	
ApellidoM	varchar(20)	NO		NULL	
Tel	int(11)	NO		NULL	
NSS	int(11)	NO		NULL	
CURP	varchar(18)	NO		NULL	
RFC	varchar(20)	NO		NULL	
Salario	int(11)	NO		NULL	

```
9 rows in set (0.007 sec)
```

Creación tabla VentaP

```
MariaDB [veterinaria]> create table VentaP (ID_venta int NOT NULL, ID_empleado int NOT NULL, ID_producto int NOT NULL, CantidadP int NOT NULL,  
-> Total int NOT NULL, HoraV DATE NOT NULL, Fecha DATE NOT NULL, PRIMARY KEY(ID_venta));  
Query OK, 0 rows affected (0.006 sec)
```

```
MariaDB [veterinaria]> Describe ventap;
```

Field	Type	Null	Key	Default	Extra
ID_venta	int(11)	NO	PRI	NULL	
ID_empleado	int(11)	NO		NULL	
ID_producto	int(11)	NO		NULL	
CantidadP	int(11)	NO		NULL	
Total	int(11)	NO		NULL	
HoraV	date	NO		NULL	
Fecha	date	NO		NULL	

```
7 rows in set (0.007 sec)
```

Creación tabla Producto

```
MariaDB [veterinaria]> create table productos (ID_producto int NOT NULL, NombreP varchar(30) NOT NULL, ExistenciaP int NOT NULL, Precio int NOT NULL,  
-> Proovedor varchar(30) NOT NULL, PRIMARY KEY(ID_producto));  
Query OK, 0 rows affected (0.005 sec)
```

```
MariaDB [veterinaria]> Describe productos;
```

Field	Type	Null	Key	Default	Extra
ID_producto	int(11)	NO	PRI	NULL	
NombreP	varchar(30)	NO		NULL	
ExistenciaP	int(11)	NO		NULL	
Precio	int(11)	NO		NULL	
Proovedor	varchar(30)	NO		NULL	

```
5 rows in set (0.008 sec)
```

Establecer relación de claves foráneas

Tabla clientes

```
MariaDB [veterinaria]> ALTER TABLE Clientes ADD FOREIGN KEY(ID_mascota) REFERENCES mascotas(ID_mascota);
Query OK, 0 rows affected (0.020 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> Describe Clientes;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID_clientes | int(11)    | NO   | PRI | NULL    |       |
| ID_mascota  | int(11)    | NO   | MUL | NULL    |       |
| Nombre     | varchar(20)| NO   |     | NULL    |       |
| ApellidoP  | varchar(20)| YES  |     | NULL    |       |
| Calle      | varchar(30)| NO   |     | NULL    |       |
| NumExt     | int(11)    | NO   |     | NULL    |       |
| Pais       | varchar(30)| NO   |     | NULL    |       |
| Colonia    | varchar(30)| YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.007 sec)
```

Tabla servicio

```
MariaDB [veterinaria]> ALTER TABLE servicio ADD FOREIGN KEY(ID_mascota) REFERENCES mascotas(ID_mascota);
Query OK, 0 rows affected (0.023 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> ALTER TABLE servicio ADD FOREIGN KEY(ID_empleado) REFERENCES empleados(ID_empleado);
Query OK, 0 rows affected (0.025 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> Alter table servicio add ID_clientes int NOT NULL;
Query OK, 0 rows affected (0.004 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> ALTER TABLE servicio ADD FOREIGN KEY(ID_clientes) REFERENCES clientes(ID_clientes);
Query OK, 0 rows affected (0.020 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> Describe servicio;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID_servicio | int(11)    | NO   | PRI | NULL    |       |
| ID_empleado | int(11)    | NO   | MUL | NULL    |       |
| ID_mascota  | int(11)    | NO   | MUL | NULL    |       |
| TipoS      | varchar(30)| NO   |     | NULL    |       |
| FechaS     | date       | NO   |     | NULL    |       |
| HoraS      | date       | NO   |     | NULL    |       |
| ID_clientes | int(11)    | NO   | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.008 sec)
```

Tabla VentaP

```
MariaDB [veterinaria]> ALTER TABLE ventap ADD FOREIGN KEY(ID_empleado) REFERENCES empleados(ID_empleado);
Query OK, 0 rows affected (0.020 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> ALTER TABLE ventap ADD FOREIGN KEY(ID_producto) REFERENCES productos(ID_producto);
Query OK, 0 rows affected (0.022 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [veterinaria]> describe ventap;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID_venta   | int(11)   | NO   | PRI | NULL    |       |
| ID_empleado | int(11)   | NO   | MUL | NULL    |       |
| ID_producto | int(11)   | NO   | MUL | NULL    |       |
| CantidadP  | int(11)   | NO   |     | NULL    |       |
| Total      | int(11)   | NO   |     | NULL    |       |
| HoraV      | date      | NO   |     | NULL    |       |
| Fecha      | date      | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.007 sec)
```

Registro en algunas tablas y su consulta

```
MariaDB [veterinaria]> insert into mascotas (ID_mascota, tipoMa, Raza, Edad, FechaR, Peso, Tratamiento) Values
-> (0001, "Perro", "Pitbull", 5, '20/05/2023', 10, "Sin ningun registro Previo");
Query OK, 1 row affected, 1 warning (0.002 sec)
```

```
MariaDB [veterinaria]> select * from mascotas;
+-----+-----+-----+-----+-----+-----+-----+
| ID_mascota | TipoMa | Raza   | Edad | FechaR      | Peso | Tratamiento          |
+-----+-----+-----+-----+-----+-----+-----+
| 1          | Perro  | Pitbull | 5    | 0000-00-00 | 10   | Sin ningun registro Previo |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [veterinaria]> insert into clientes (id_clientes, id_mascota, nombre, apellidop, calle, numext, pais, colonia) values
-> (0001, 0001, "Ana", "Gomez", "Carranza", 501, "Mexico", "Centro Historico");
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [veterinaria]> select * from clientes;
+-----+-----+-----+-----+-----+-----+-----+
| ID_clientes | ID_mascota | Nombre | ApellidoP | Calle   | NumExt | Pais  | Colonia          |
+-----+-----+-----+-----+-----+-----+-----+
| 1           | 1          | Ana    | Gomez     | Carranza | 501    | Mexico | Centro Historico |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)
```