

Curso de base de datos entre semana G0224

Escuela de Código PILARES

Carlos Ignacio Padilla Herrera

Folio: 794DR02

Práctica 6: Creación de una base de datos.

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Código SQL para la creación de tablas y inserción de datos

```
-- Creating tables
create table manufacturer (
    code int(10) primary key,
    name varchar(100)
);

create table product (
    code int(10) primary key,
    name varchar(100),
    price double,
    manufacturer_code int(10),
    foreign key (manufacturer_code) references manufacturer(code)
);

-- Inserting manufacturers
insert into manufacturer (code, name) values
(1, 'Asus'),
(2, 'Lenovo'),
(3, 'Hewlett-Packard'),
(4, 'Samsung'),
(5, 'Seagate'),
(6, 'Crucial'),
(7, 'Gigabyte'),
(8, 'Huawei'),
(9, 'Xiaomi');

-- Inserting products
insert into product (code, name, price, manufacturer_code) values
(1, 'Disco Duro SATA3 1TB', 86.99, 5),
(2, 'Memoria RAM DDR4 8GB', 120, 6),
(3, 'Disco SSD 1TB', 150.99, 4),
(4, 'GeForce GTX 1050 Ti', 185, 7),
(5, 'GeForce GTX 1080 Xtreme', 755, 6),
(6, 'Monitor 24 LED Full HD', 202, 1),
(7, 'Monitor 27 LED Full HD', 245.99, 1),
(8, 'Portatil Yoga 520', 559, 2),
(9, 'Portatil Ideapad 320', 444, 2),
(10, 'Impresora HP Deskjet 3720', 59.99, 3),
(11, 'Impresora HP Laserjet Pro M26nw', 180, 3);
```

Captura de pantalla

Schema SQL

```
1 create table manufacturer (  
2   code int(10) primary key,  
3   name varchar(100)  
4 );  
5  
6 create table product (  
7   code int(10) primary key,  
8   name varchar(100),  
9   price double,  
10  manufacturer_code int(10),  
11  foreign key (manufacturer_code) references manufacturer(code)  
12 );  
13 -- Inserting manufacturers  
14 insert into manufacturer (code, name) values  
15 (1, 'Asus'),  
16 (2, 'Lenovo'),  
17 (3, 'Hewlett-Packard'),  
18 (4, 'Samsung'),  
19 (5, 'Seagate'),  
20 (6, 'Crucial'),  
21 (7, 'Gigabyte');
```

Text to DDL

Query SQL

```
1 select * from manufacturer;  
2 select * from product;  
3  
4
```

Copy as Markdown

Results

Query #1 Execution time: 0.35ms

code	name
1	Asus
2	Lenovo
3	Hewlett-Packard
4	Samsung
5	Seagate
6	Crucial
7	Gigabyte

Figure 1: Captura de pantalla que te dirige a DB Fiddle con el código si le das click.