```sql
create database ethazi3
collate utf8mb4_spanish_ci;

use ethazi3;

create table Local
(NIF char(9) primary key,
Nombre varchar(20) not null,
Tipo enum("Bar", "Restaurante","Cafetería"),
Propietario varchar(20) not null,
Direccion varchar(30)
);

create table Usuario
(DNI char(9) primary key,
Nombre varchar(20) not null,
Apellido varchar(40) not null,
Contraseña varchar(10) not null,
NIF char(9) not null,
constraint fk_NIF_Usuario foreign key (NIF) references Local (NIF) on update cascade on
delete cascade
);

create table Fabricante
(Nombre varchar(20) primary key,
Tiempo int not null
);

create table Producto
(Nombre varchar(20) primary key ,
Fec_Cad datetime not null,
Tipo enum("Bebida", "Comida"),
Precio_Venta float not null,
Precio_Compra float not null,
N_Fabricante varchar(20) not null,
constraint fk_N_Fabricante_Producto foreign key (N_Fabricante) references
Fabricante(Nombre) on update cascade on delete cascade
);

create table Operaciones
(NumTrans int primary key,
Fecha datetime not null,
Total_Operaciones float not null,
NIF char(9) not null,
constraint fk_NIF_Operaciones  foreign key (NIF) references Local (NIF)
);

create table Pedidos
```

```sql
(NumTrans int primary key,
Domicilio varchar(20),
constraint fk_NumTrans_Pedidos foreign key (NumTrans) references Operaciones
(NumTrans) on update cascade on delete cascade
);

create table NIFFactura
(NIF char(9) primary key,
Nom_Des varchar(20) not null,
Apellidos_Des varchar(30) not null
);

create table Factura
(NumTrans int primary key,
NIF char(9) not null,
constraint fk_NumTrans_Factura foreign key (NumTrans) references Operaciones
(NumTrans) on update cascade on delete cascade,
constraint fk_NIF_Factura foreign key (NIF) references NIFFactura (NIF) on update cascade
on delete cascade
);

create table Tiene
(NomProducto varchar(20),
NumTrans int not null,
N_Unidades int not null,
Total_Producto float not null,
Precio float not null,
constraint fk_NomProducto_Tiene foreign key(NomProducto) references Producto (Nombre)
on update cascade on delete cascade,
constraint fk_NumTrans_Tiene foreign key(NumTrans) references Operaciones(NumTrans)
on update cascade on delete cascade,
constraint pk_Tiene primary key(NomProducto,NumTrans)
);

create table Vende
(NomProducto varchar(20),
Stock float not null,
NIFLocal char(9),
constraint fk_NomProducto_Vende foreign key (NomProducto) references Producto
(Nombre) on update cascade on delete cascade,
constraint fk_NIFLocal_Vende foreign key (NIFLocal) references Local (NIF) on update
cascade on delete cascade,
constraint pk_Vende primary key(NomProducto,NIFLocal)
);


create table Aprovisionamiento
(
```

```sql
NumTrans int primary key,
Nom_Fabricante char(30) not null,
constraint fk_NumTrans_Aprovisionamiento foreign key (NumTrans) references
Operaciones(NumTrans) on update cascade on delete cascade,
constraint fk_Nom_Fabricante_Aprovisionamiento foreign key (Nom_Fabricante) references
Fabricante (Nombre) on delete cascade on update cascade
);

create table Comanda
(
NumTrans int primary key,
constraint fk_NumTrans_Comanda foreign key (NumTrans) references Operaciones
(NumTrans) on update cascade on delete cascade
);

create table Plato
(
Cod_Plato char(10) primary key,
TipoDePlato enum ("Normal","Vegetariano","Vegano"),
Nombre varchar(20) not null
);

create table Incluye
(
Num_Trans int not null,
Cod_Plato char(10) not null,
Num_Platos int not null,
PrecioActual float not null,
constraint fk_NumTrans_Incluye foreign key (Num_Trans) references Comanda (NumTrans)
on update cascade on delete cascade,
constraint fk_Cod_Plato_Incluye foreign key (Cod_Plato) references Plato (Cod_Plato) on
update cascade on delete cascade,
constraint pk_Incluye primary key (Num_Trans,Cod_Plato)
);

create table Ofrece
(NIFLocal char(9),
Cod_Plato char(10),
constraint fk_NIF_Ofrece foreign key (NIFLocal) references Local (NIF) on update cascade
on delete cascade,
constraint fk_Cod_Plato_Ofrece foreign key (Cod_Plato) references Plato (Cod_Plato) on
update cascade on delete cascade,
constraint pk_Ofrece primary key (NIFLocal, Cod_Plato)
);



create table Ingrediente
```

```
(
Nombre varchar(20) primary key,
HechoCon enum ("Gluten", "Mariscos","Frutos secos")
);

create table Contiene
(
Nom_Ingrediente varchar(20),
Cod_Plato char(10),
constraint fk_Nom_Ingrediente_Contiene foreign key (Nom_Ingrediente) references
Ingrediente (Nombre) on update cascade on delete cascade,
constraint fk_Cod_Plato_Contiene foreign key (Cod_Plato) references Plato (Cod_Plato) on
update cascade on delete cascade,
constraint pk_Ofrece primary key (Nom_Ingrediente, Cod_Plato)
);


insert into Local values('12345678B', 'Uria', 'Bar', 'Pajarito', 'Arturo Campión');
insert into Local values('12345678R', 'Chino Ron City', 'Restaurante', 'Xiansheng', 'Pintores
Arrúe');
insert into Local values('12345678C', 'Gazteleku Berria', 'Cafetería', 'Roberto', 'Oñatiko
Unibertsitatea');
```