

```
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 date 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 date 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
(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,
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
(
```

```
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');
```

```
insert into Fabricante values ('Amazon',1);
insert into Fabricante values ('Nescafé',1);
insert into Fabricante values ('Bezoya',1);
insert into Fabricante values ('Don Simon',1);
insert into Fabricante values ('1906',1);
insert into Fabricante values ('Bizkaiko Txakolina',1);
```

```
insert into Producto values('Sidra','2022-02-02', 'Bebida', '2', '1.50', 'Amazon');
insert into Producto values('Kafea','2022-02-02', 'Bebida', '1.20', '0.70', 'Nescafé');
insert into Producto values('Ura','2022-02-02', 'Bebida', '1', '0.50', 'Bezoya');
insert into Producto values('Zukua','2022-02-02', 'Bebida', '1.50', '1', 'Don Simon');
insert into Producto values('Patata tortilla','2022-02-02', 'Comida', '1.50', '1', 'Amazon');
insert into Producto values('Ardoa','2022-02-02', 'Bebida', '1.20', '0.70', 'Amazon');
insert into Producto values('Txakoli','2022-02-02', 'Bebida', '1.50', '1', 'Amazon');
insert into Producto values('Gilda','2022-02-02', 'Comida', '1', '0.50', 'Amazon');
insert into Producto values('Garagardoa','2022-02-02', 'Bebida', '1.25', '0.70', 'Amazon');
insert into Producto values('Colacao','2022-02-02', 'Bebida', '1', '0.50', 'Amazon');
```